

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061924\
 Data File : VW036130.D
 Acq On : 19 Jun 2024 09:47
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 20 04:57:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 19 03:24:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	300956	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	308529	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	167129	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	123830	22.380	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
7) Chloroethane-d5	1.526	69	102521	23.237	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.960%
11) 1,1-Dichloroethene-d2	2.050	65	56850	23.080	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.320%
21) 2-Butanone-d5	3.838	46	34880	27.476	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.960%
24) Chloroform-d	4.240	84	232462	24.296	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	4.937	65	125439	25.005	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	4.953	84	433908	23.660	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.640%
36) 1,2-Dichloropropane-d6	5.982	67	139755	24.198	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.800%
41) Toluene-d8	7.239	98	396751	24.518	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.080%
43) trans-1,3-Dichloroprop...	7.551	79	56994	24.068	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.280%
47) 2-Hexanone-d5	8.030	63	40869	52.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.460%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109851	25.454	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.558	152	136563	22.282	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	120507	22.207	ug/L	99
3) Chloromethane	1.211	50	150820	24.218	ug/L	100
5) Vinyl chloride	1.278	62	159711	24.360	ug/L	100
6) Bromomethane	1.484	94	104960	25.806	ug/L	100
8) Chloroethane	1.545	64	102977	25.269	ug/L	99
9) Trichlorofluoromethane	1.706	101	208636	25.625	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	130836	25.320	ug/L	99
12) 1,1-Dichloroethene	2.060	96	122726	25.465	ug/L	95
14) Carbon disulfide	2.230	76	406637	24.297	ug/L	99
15) Methyl Acetate	2.384	43	61393	24.977	ug/L	98
16) Methylene chloride	2.439	84	147645	21.681	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	126979	24.803	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	294539	25.628	ug/L	99
19) 1,1-Dichloroethane	3.101	63	246556	25.290	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	125541	24.405	ug/L	100
22) 2-Butanone	3.908	43	88999	53.040	ug/L	87
23) Bromochloromethane	4.140	128	65658	25.446	ug/L	99
25) Chloroform	4.268	83	253747	25.302	ug/L	99
27) 1,2-Dichloroethane	5.037	62	168247	26.871	ug/L	100

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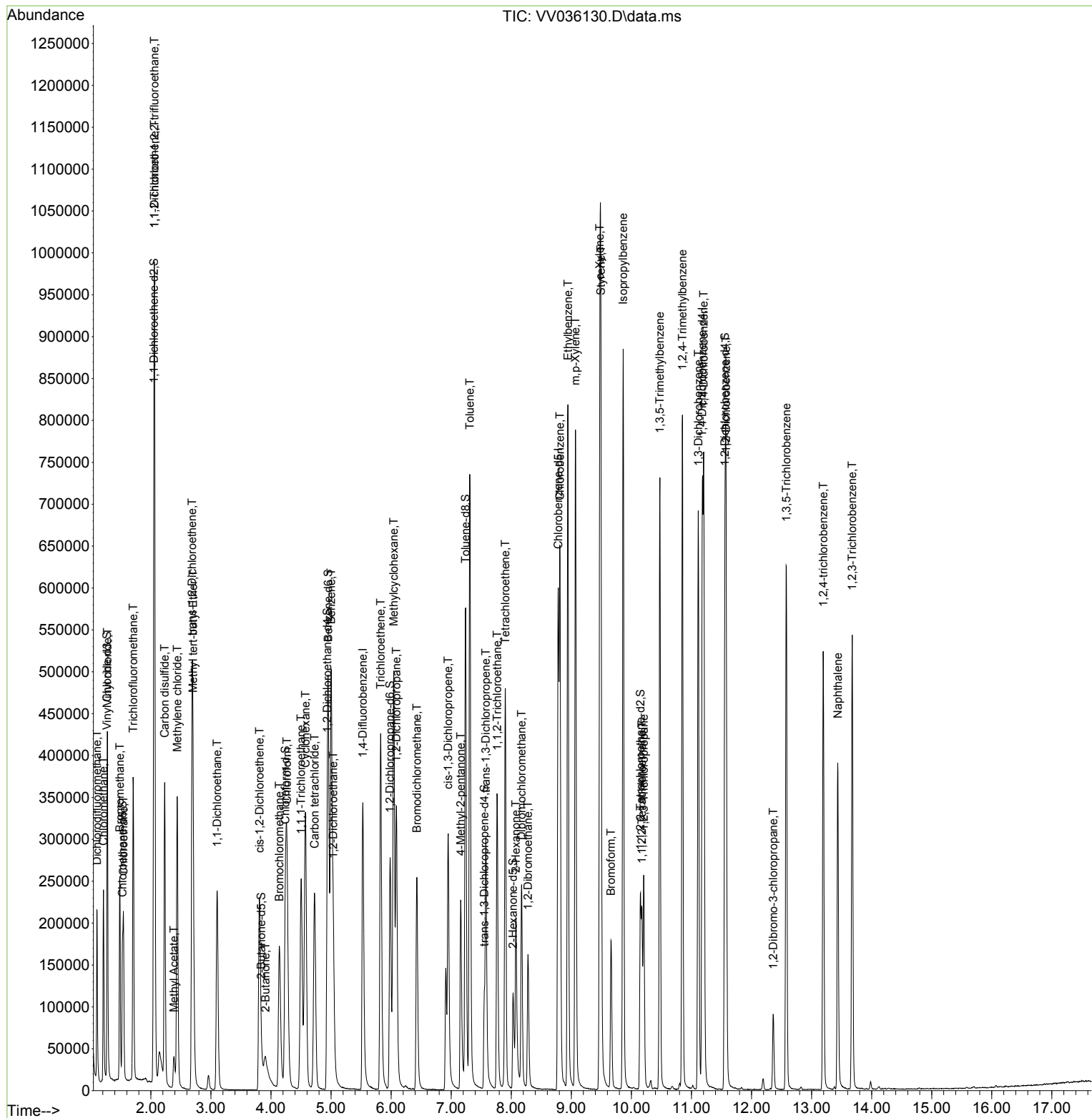
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.574	56	171037	23.283	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	206739	24.511	ug/L	98
31) Carbon tetrachloride	4.725	117	181712	24.557	ug/L	100
33) Benzene	5.002	78	521804	25.859	ug/L	100
34) Trichloroethene	5.825	95	153120	24.759	ug/L	99
35) Methylcyclohexane	6.043	83	201007	23.503	ug/L	99
37) 1,2-Dichloropropane	6.088	63	137078	25.871	ug/L	99
38) Bromodichloromethane	6.429	83	180777	25.777	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	191099	24.114	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	159176	55.294	ug/L	99
42) Toluene	7.310	91	544790	26.422	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	183199	26.763	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	114421	26.099	ug/L	99
46) Tetrachloroethene	7.902	164	107201	23.701	ug/L	99
48) 2-Hexanone	8.079	43	135017	59.994	ug/L	98
49) Dibromochloromethane	8.172	129	124395	25.926	ug/L	99
50) 1,2-Dibromoethane	8.278	107	112172	26.666	ug/L	99
51) Chlorobenzene	8.808	112	346536	24.666	ug/L	100
52) Ethylbenzene	8.944	91	561114	25.435	ug/L	98
53) m,p-Xylene	9.069	106	214410	25.866	ug/L	100
54) o-Xylene	9.474	106	197063	25.210	ug/L	98
55) Styrene	9.493	104	375105	27.212	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	103795	26.441	ug/L	97
59) Bromoform	9.661	173	80396	25.508	ug/L	99
60) Isopropylbenzene	9.863	105	536536	25.023	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	106507	26.945	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	371370	23.885	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	421165	25.141	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	275223	24.442	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	285743	24.585	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	258907	24.434	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	25426	28.766	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	198248	23.537	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	159223	24.008	ug/L	99
71) Naphthalene	13.435	128	306038	28.276	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	159927	26.426	ug/L	98

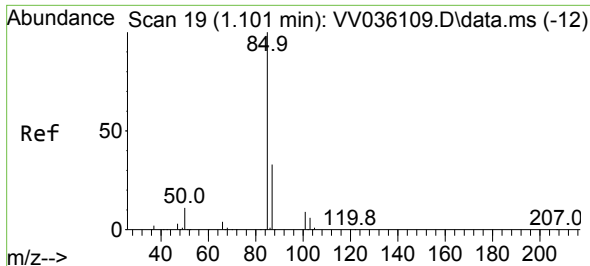
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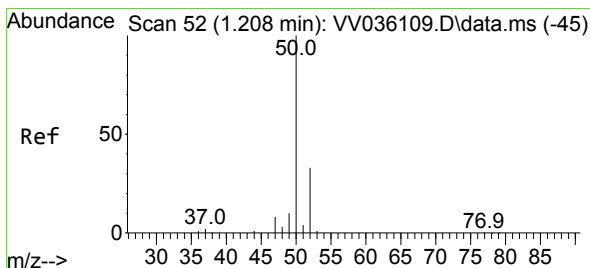
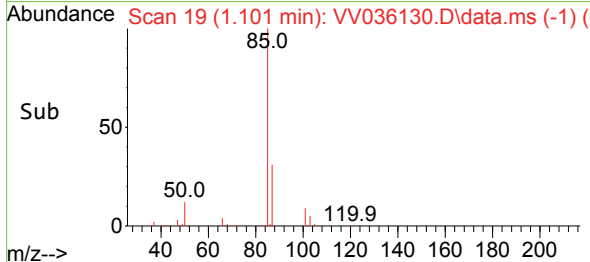
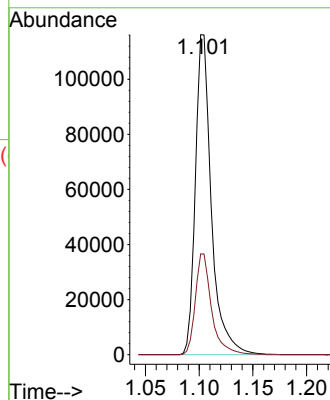
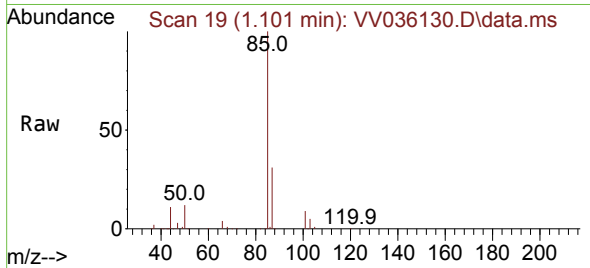




#2
Dichlorodifluoromethane
Concen: 22.207 ug/L
RT: 1.101 min Scan# 19
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

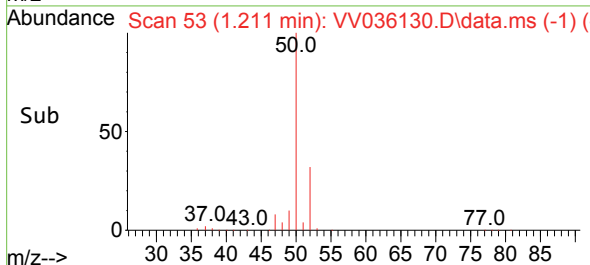
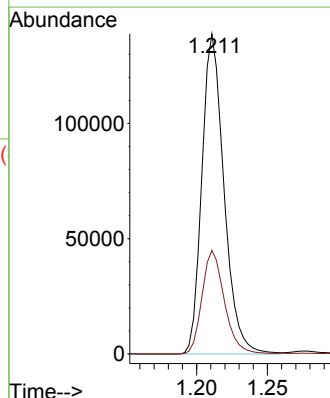
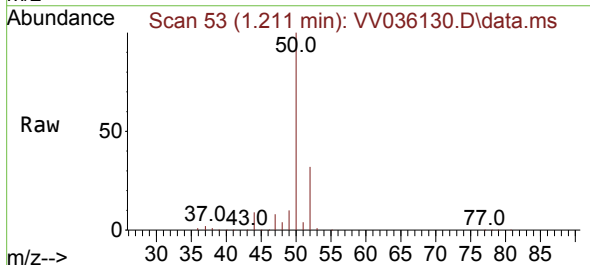
Instrument :
MSVOA_V
ClientSampleId :

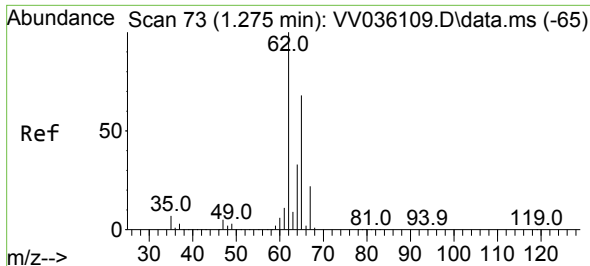
Tgt Ion: 85 Resp: 120507
Ion Ratio Lower Upper
85 100
87 32.0 25.9 38.9



#3
Chloromethane
Concen: 24.218 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

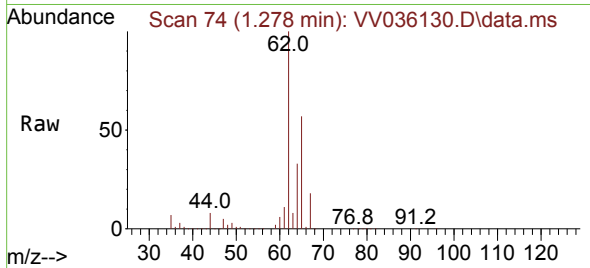
Tgt Ion: 50 Resp: 150820
Ion Ratio Lower Upper
50 100
52 32.3 22.8 42.4



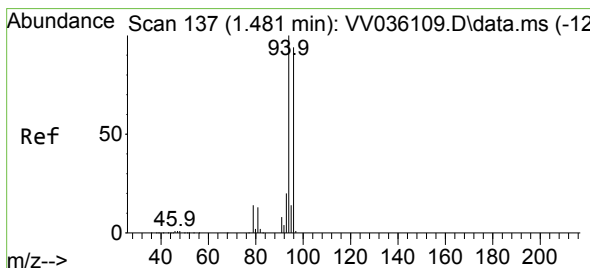
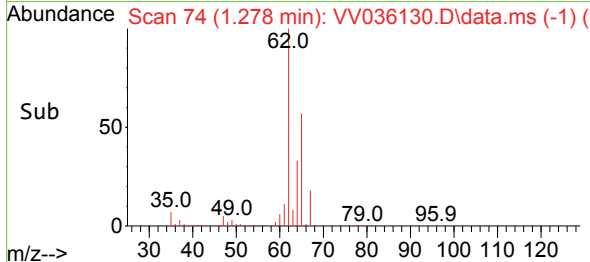
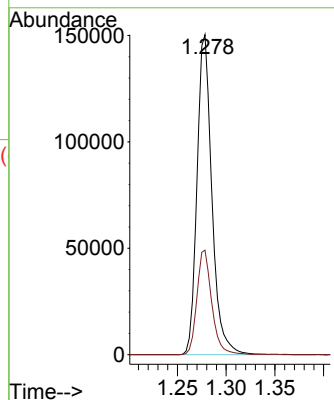


#5
 Vinyl chloride
 Concen: 24.360 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV036130.D
 Acq: 19 Jun 2024 09:47

Instrument :
 MSVOA_V
 ClientSampleId :

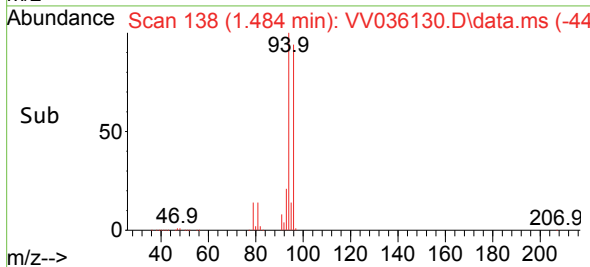
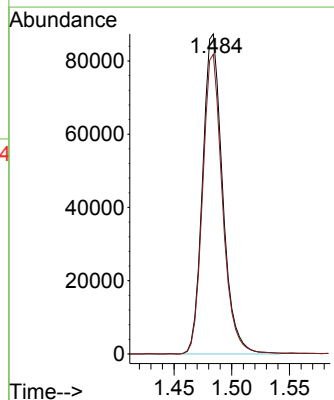
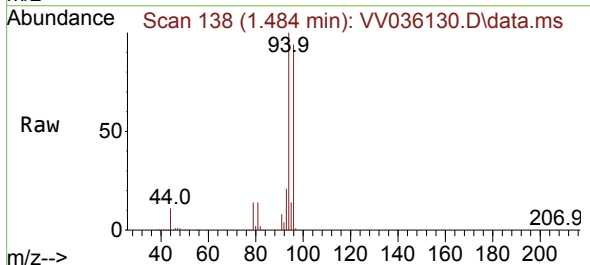


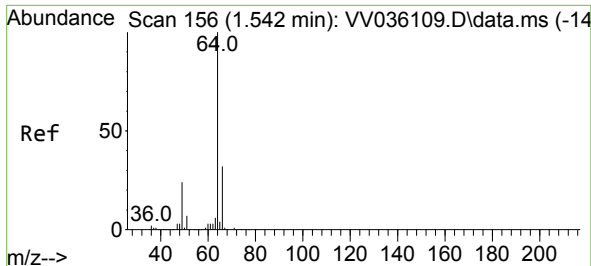
Tgt Ion: 62 Resp: 159711
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.9 42.5



#6
 Bromomethane
 Concen: 25.806 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.003 min
 Lab File: VV036130.D
 Acq: 19 Jun 2024 09:47

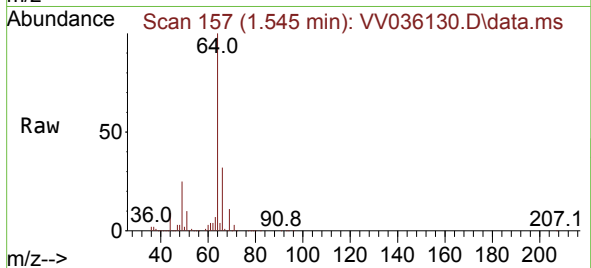
Tgt Ion: 94 Resp: 104960
 Ion Ratio Lower Upper
 94 100
 96 93.6 65.7 122.1



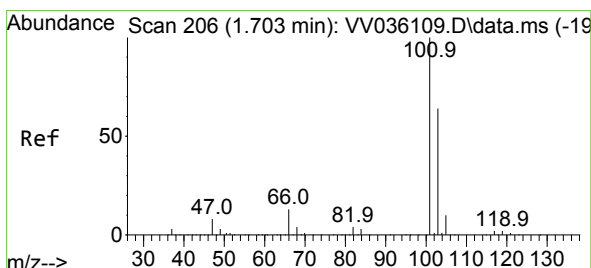
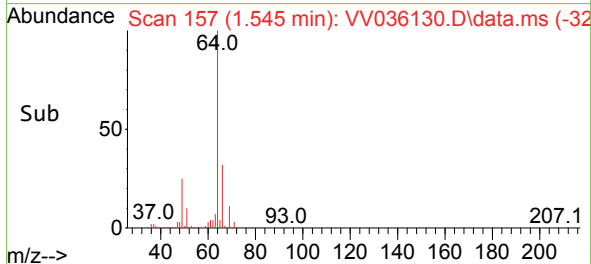
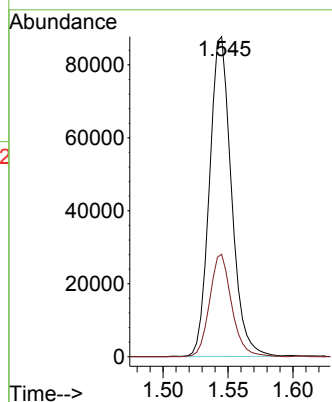


#8
Chloroethane
Concen: 25.269 ug/L
RT: 1.545 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

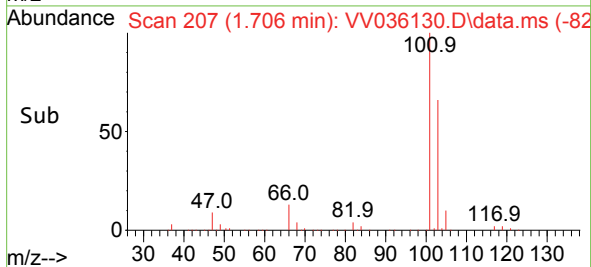
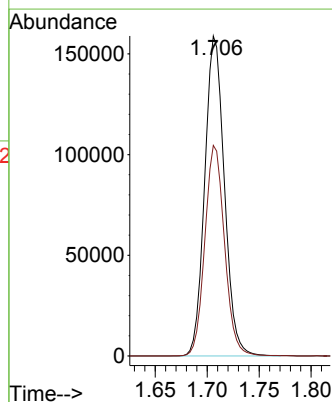
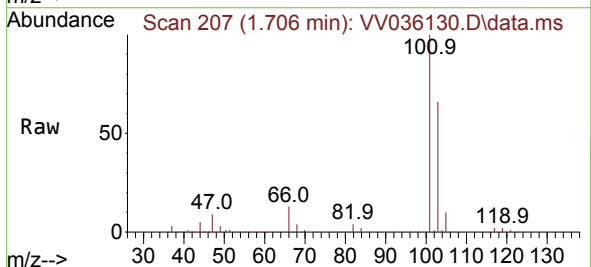


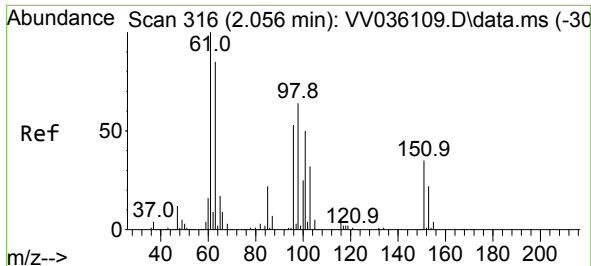
Tgt Ion: 64 Resp: 102977
Ion Ratio Lower Upper
64 100
66 32.0 22.0 41.0



#9
Trichlorofluoromethane
Concen: 25.625 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 101 Resp: 208636
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.8

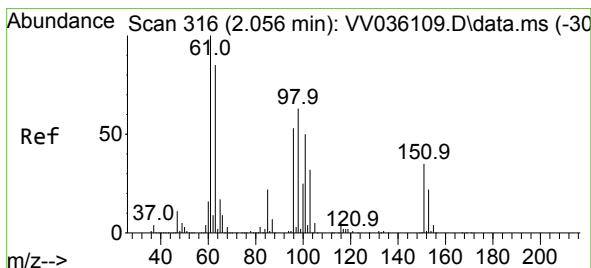
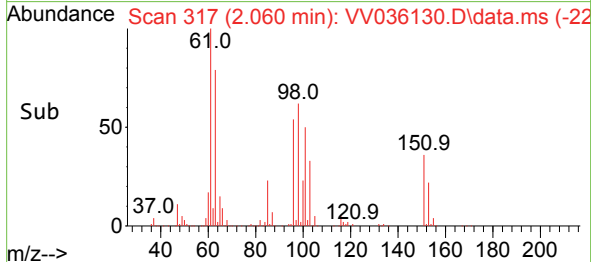
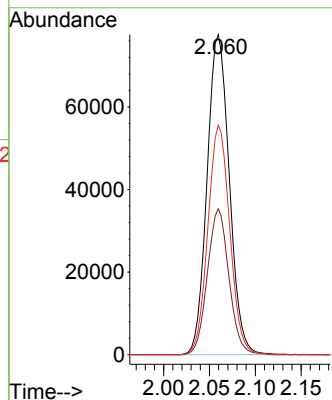
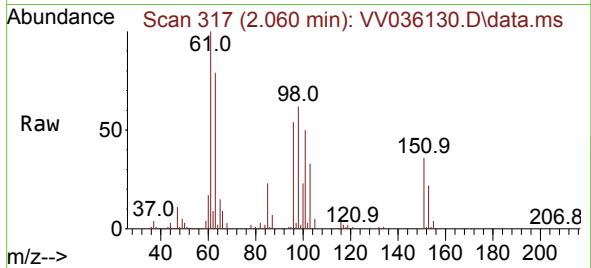




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 25.320 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

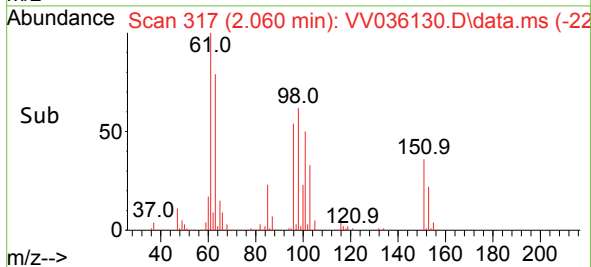
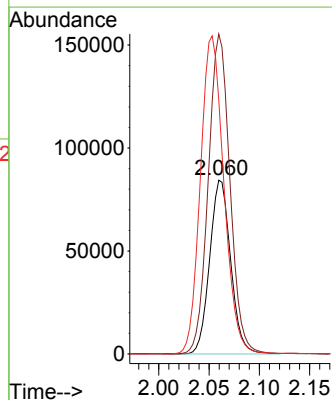
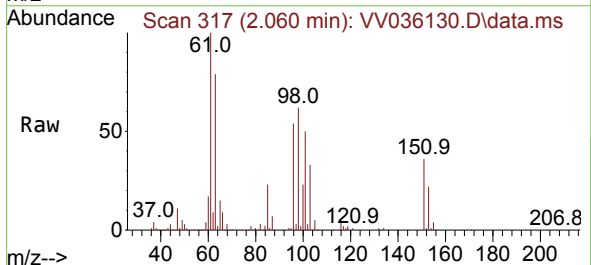
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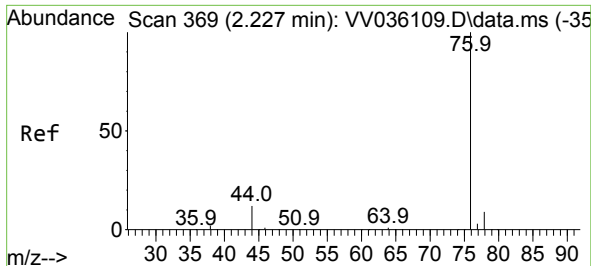
Tgt Ion:101 Resp: 130836
Ion Ratio Lower Upper
101 100
85 44.1 34.5 51.7
151 70.6 56.3 84.5



#12
1,1-Dichloroethene
Concen: 25.465 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 96 Resp: 122726
Ion Ratio Lower Upper
96 100
61 184.1 127.3 236.3
63 146.2 93.7 173.9





#14

Carbon disulfide

Concen: 24.297 ug/L

RT: 2.230 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

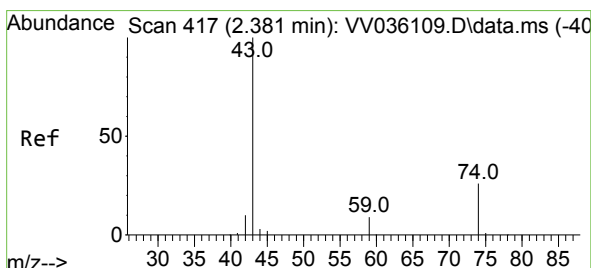
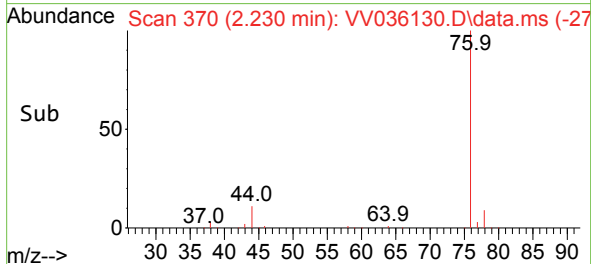
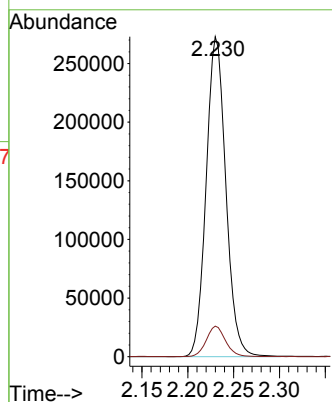
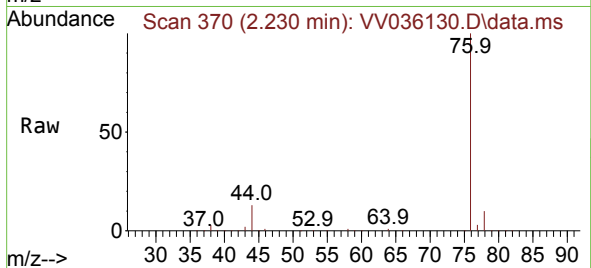
ClientSampleId :

Tgt Ion: 76 Resp: 406637

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.2



#15

Methyl Acetate

Concen: 24.977 ug/L

RT: 2.384 min Scan# 418

Delta R.T. 0.003 min

Lab File: VV036130.D

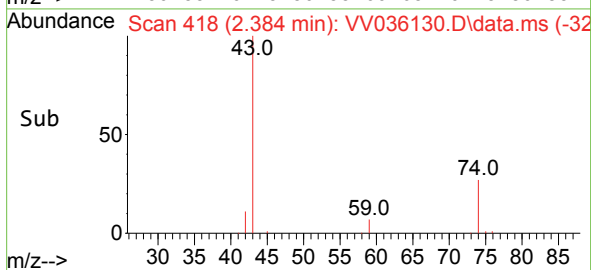
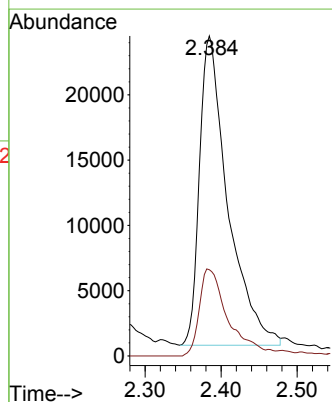
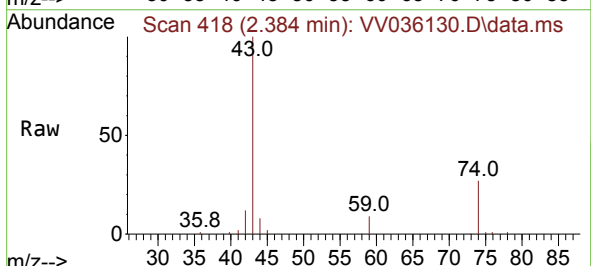
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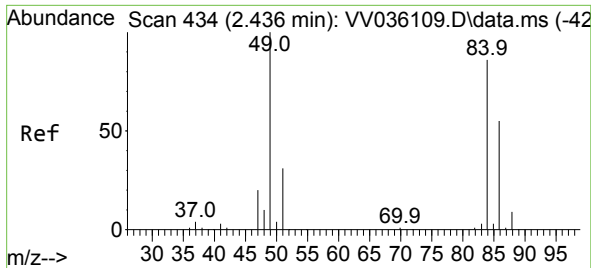
Tgt Ion: 43 Resp: 61393

Ion Ratio Lower Upper

43 100

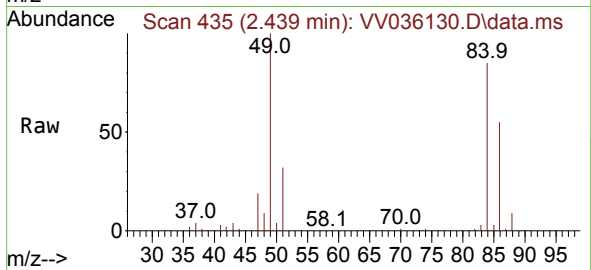
74 28.1 21.4 32.2



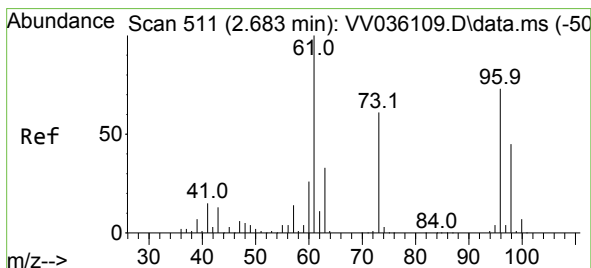
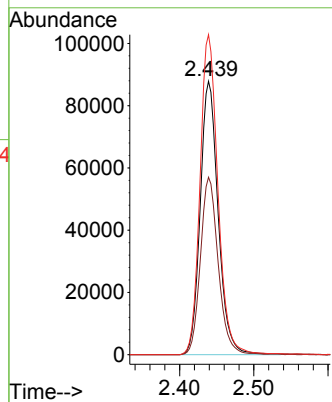
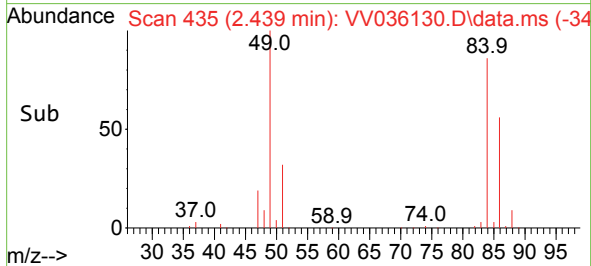


#16
Methylene chloride
Concen: 21.681 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

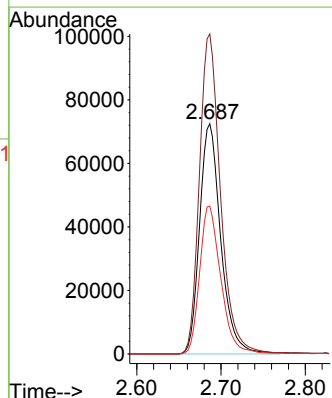
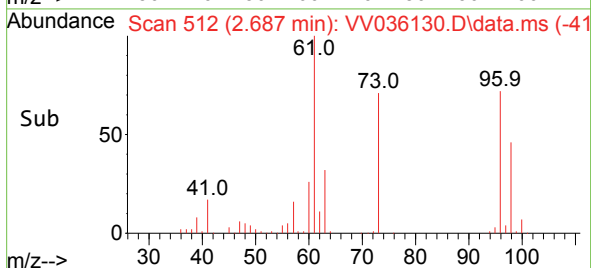
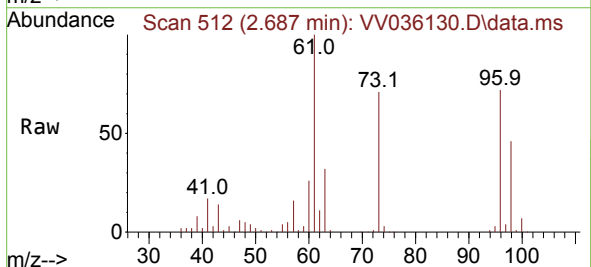


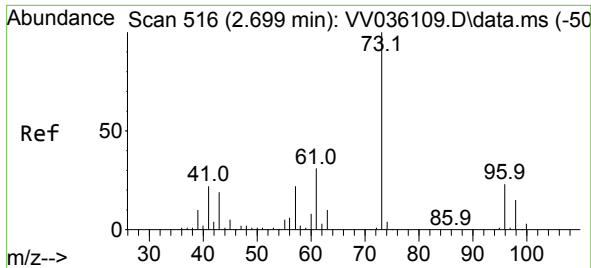
Tgt Ion: 84 Resp: 147645
Ion Ratio Lower Upper
84 100
86 64.9 44.6 82.8
49 117.0 81.1 150.5



#17
trans-1,2-Dichloroethene
Concen: 24.803 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

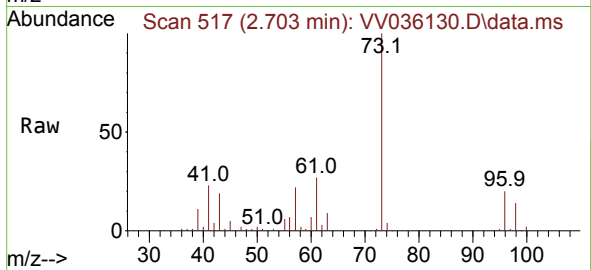
Tgt Ion: 96 Resp: 126979
Ion Ratio Lower Upper
96 100
61 138.9 99.4 184.6
98 64.2 44.9 83.3



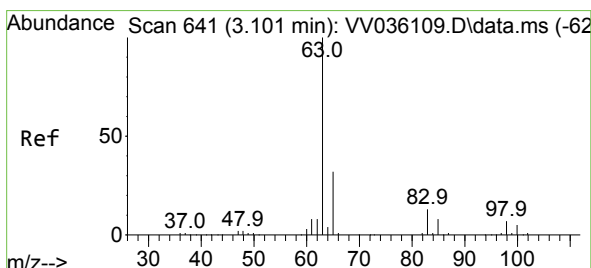
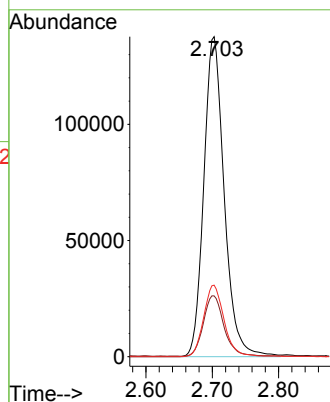
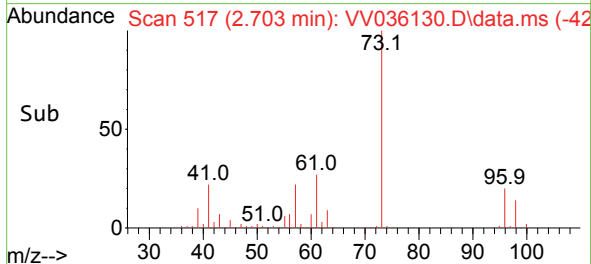


#18
Methyl tert-butyl Ether
Concen: 25.628 ug/L
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

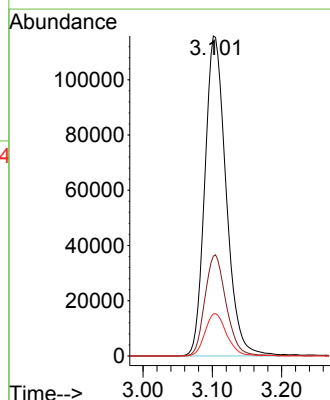
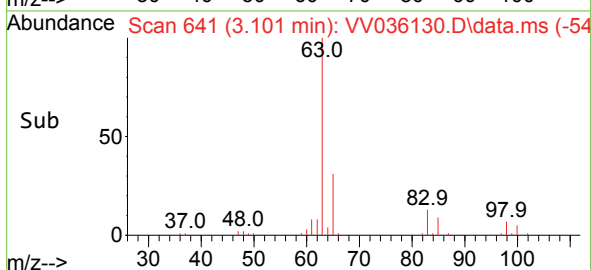
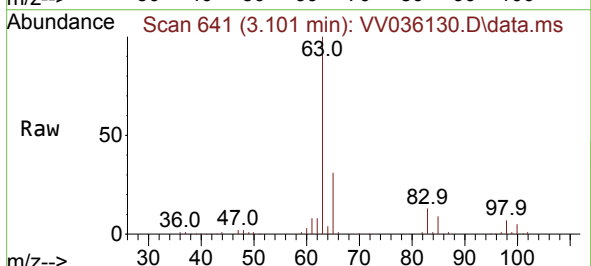


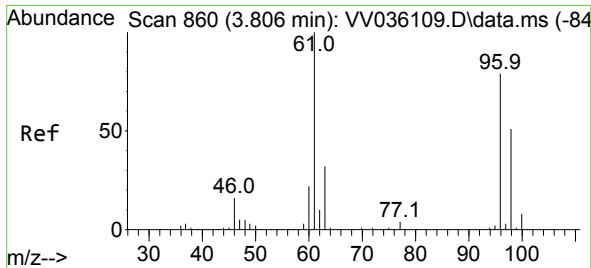
Tgt Ion: 73 Resp: 294539
Ion Ratio Lower Upper
73 100
43 19.0 14.3 21.5
57 22.3 17.8 26.6



#19
1,1-Dichloroethane
Concen: 25.290 ug/L
RT: 3.101 min Scan# 641
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

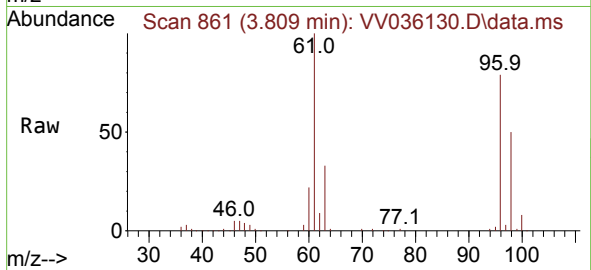
Tgt Ion: 63 Resp: 246556
Ion Ratio Lower Upper
63 100
65 31.2 22.4 41.6
83 13.1 9.2 17.0



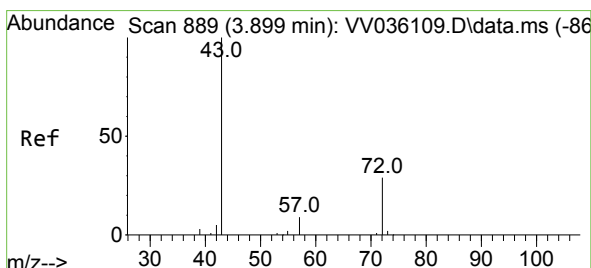
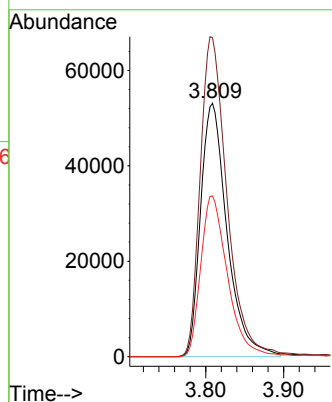
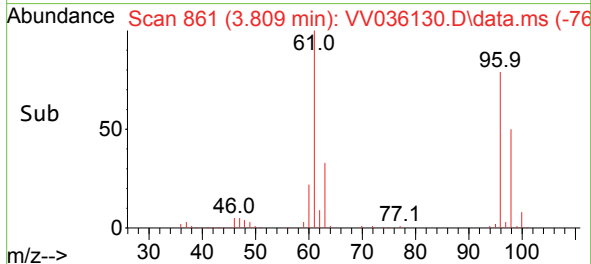


#20
cis-1,2-Dichloroethene
Concen: 24.405 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

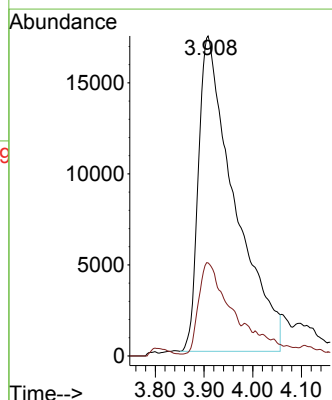
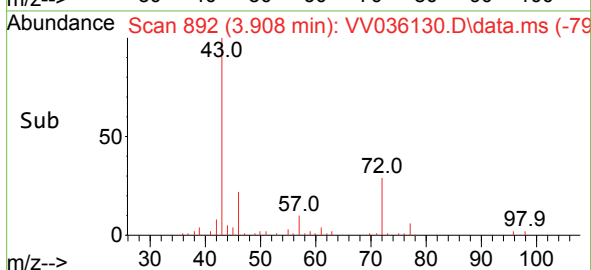
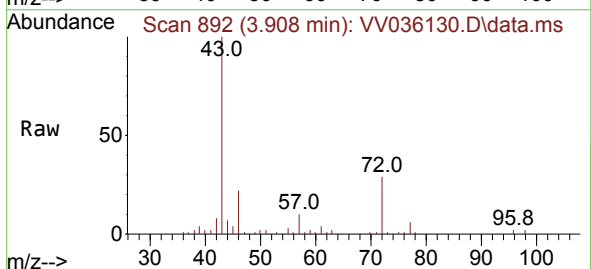


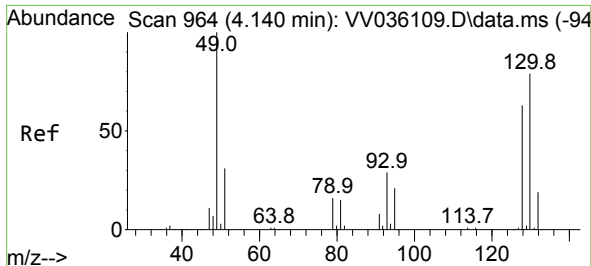
Tgt Ion: 96 Resp: 125541
Ion Ratio Lower Upper
96 100
61 126.0 87.9 163.3
98 63.5 44.4 82.5



#22
2-Butanone
Concen: 53.040 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

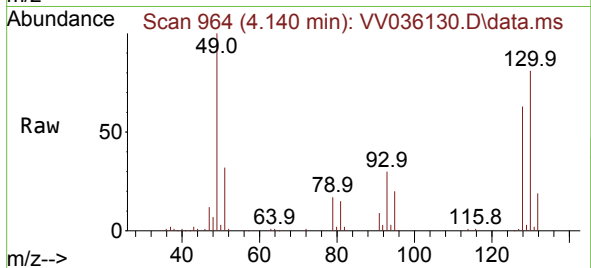
Tgt Ion: 43 Resp: 88999
Ion Ratio Lower Upper
43 100
72 22.1 8.2 24.4



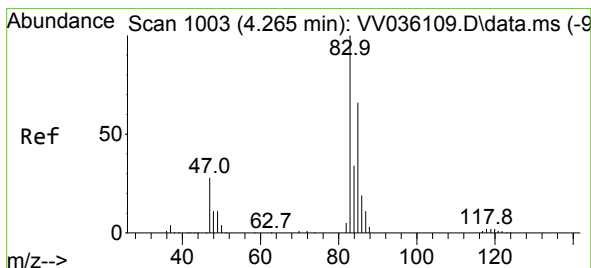
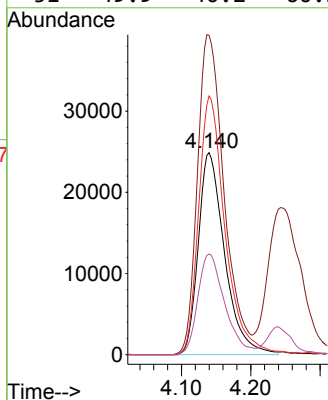
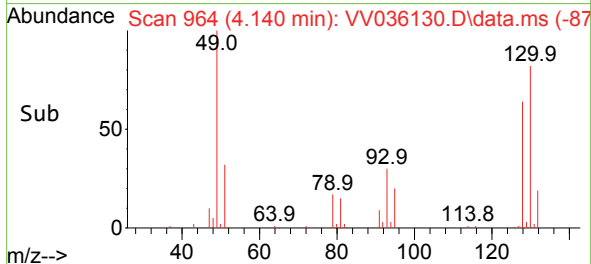


#23
Bromochloromethane
Concen: 25.446 ug/L
RT: 4.140 min Scan# 90
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

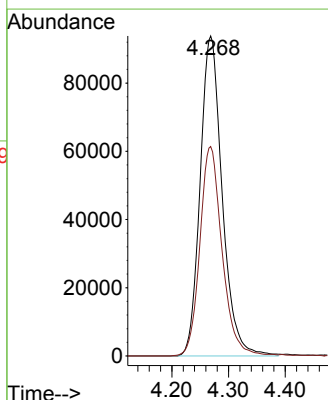
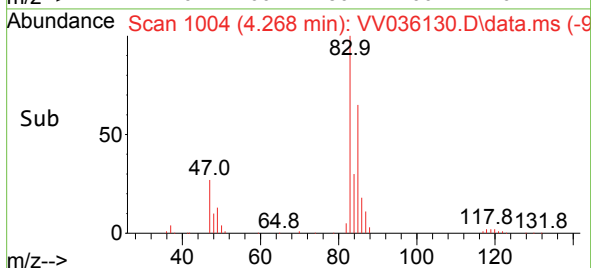
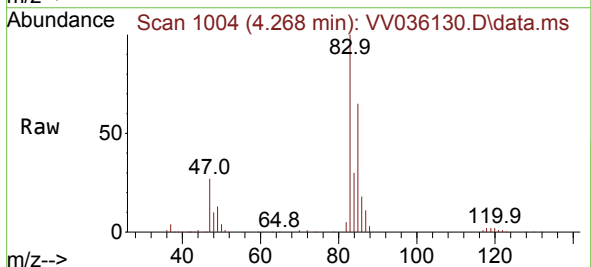


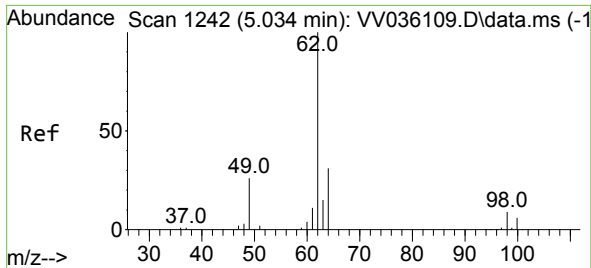
Tgt Ion:128 Resp: 65658
Ion Ratio Lower Upper
128 100
49 158.1 110.2 204.6
130 128.0 90.2 167.4
51 49.9 40.2 60.2



#25
Chloroform
Concen: 25.302 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 83 Resp: 253747
Ion Ratio Lower Upper
83 100
85 65.5 45.2 84.0

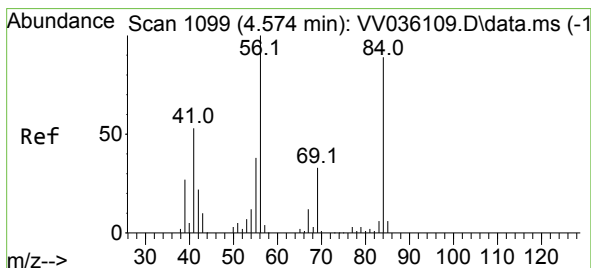
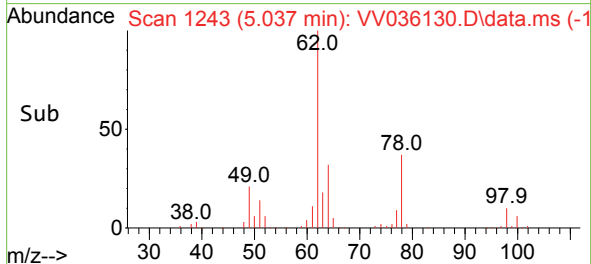
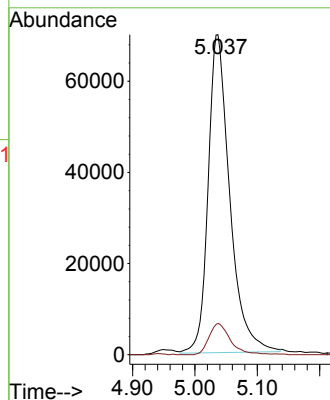
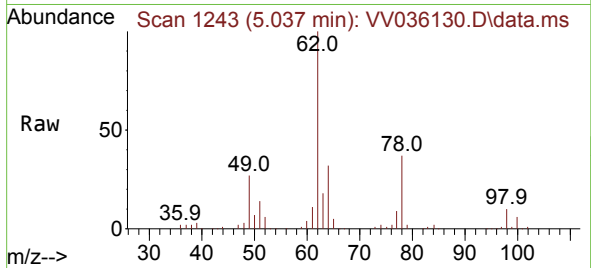




#27
1,2-Dichloroethane
Concen: 26.871 ug/L
RT: 5.037 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

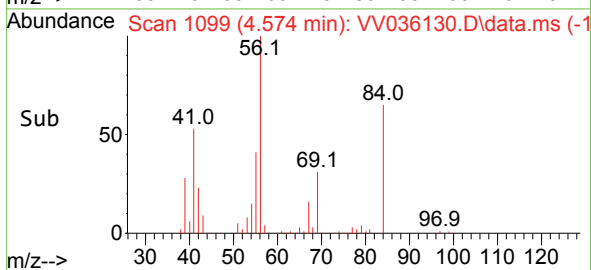
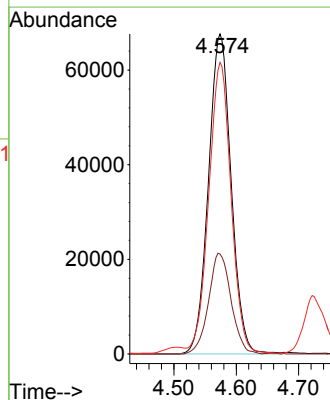
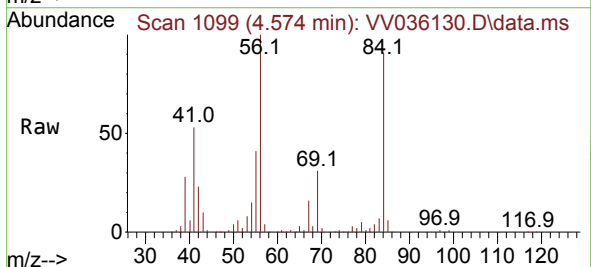
Instrument :
MSVOA_V
ClientSampleId :

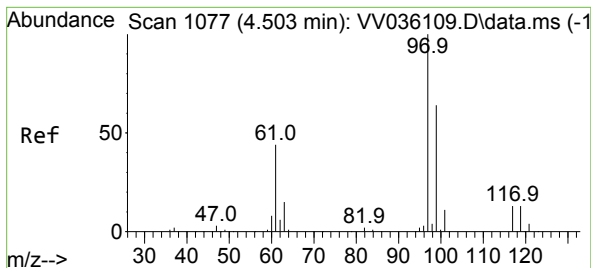
Tgt Ion: 62 Resp: 168247
Ion Ratio Lower Upper
62 100
98 9.8 7.8 11.6



#29
Cyclohexane
Concen: 23.283 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 56 Resp: 171037
Ion Ratio Lower Upper
56 100
69 31.2 25.2 37.8
84 89.4 72.2 108.2





#30

1,1,1-Trichloroethane

Concen: 24.511 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :

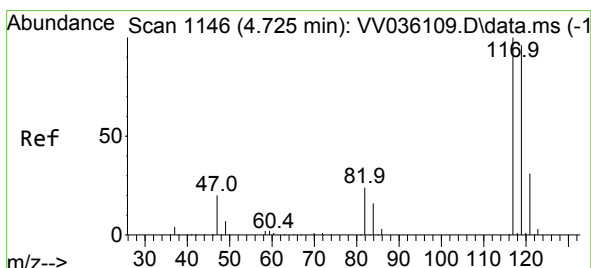
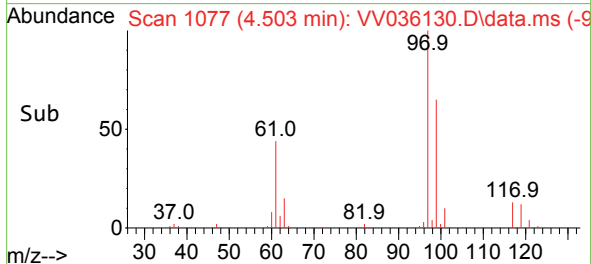
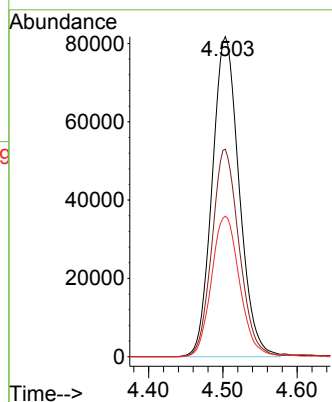
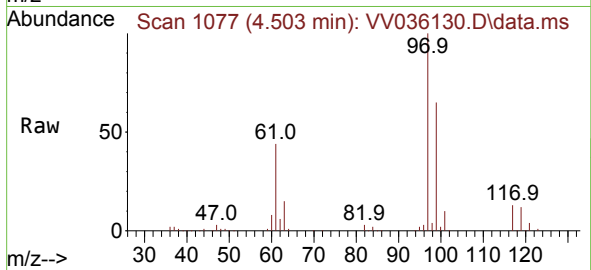
Tgt Ion: 97 Resp: 206739

Ion Ratio Lower Upper

97 100

99 65.3 50.9 76.3

61 45.6 35.0 52.6



#31

Carbon tetrachloride

Concen: 24.557 ug/L

RT: 4.725 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VV036130.D

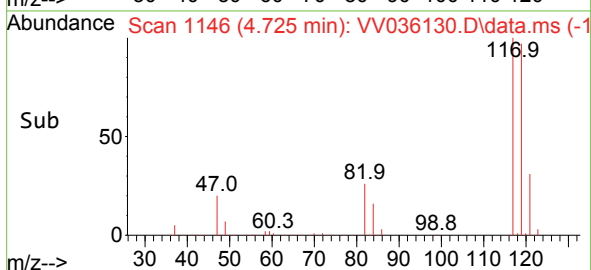
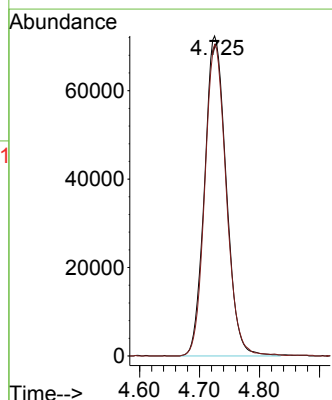
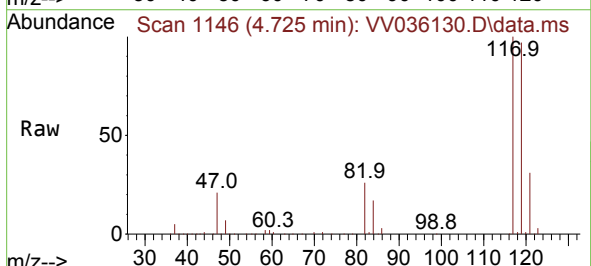
Acq: 19 Jun 2024 09:47

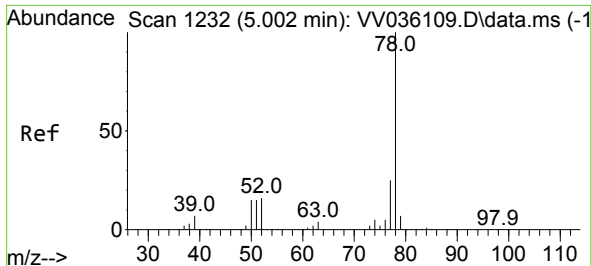
Tgt Ion: 117 Resp: 181712

Ion Ratio Lower Upper

117 100

119 96.2 76.8 115.2

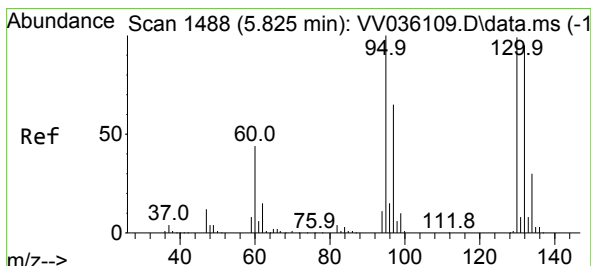
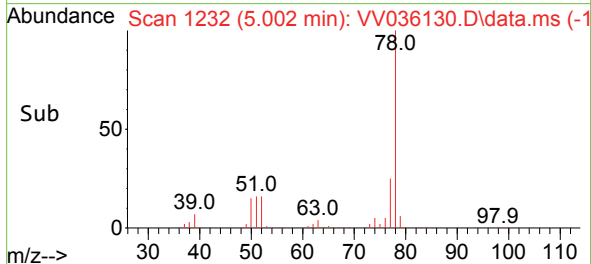
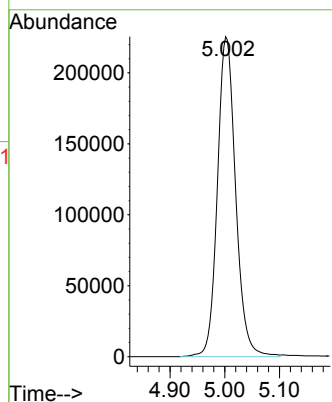
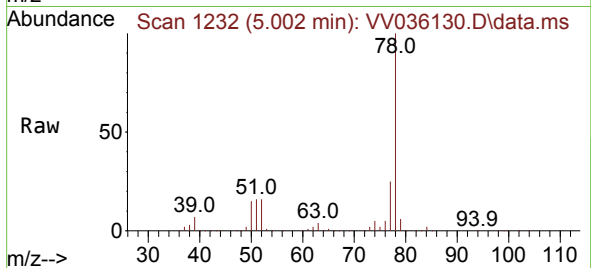




#33
Benzene
Concen: 25.859 ug/L
RT: 5.002 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

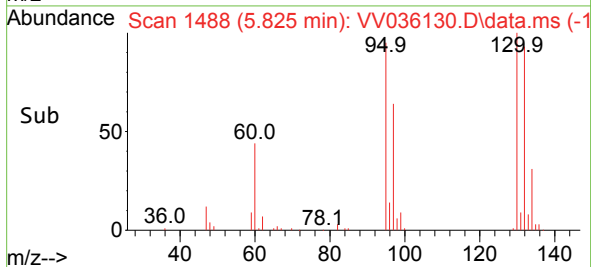
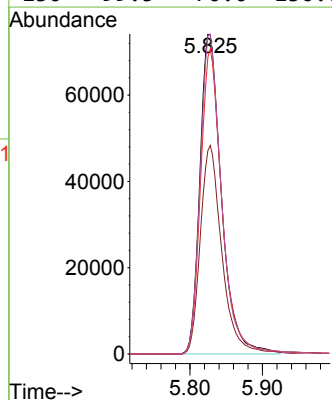
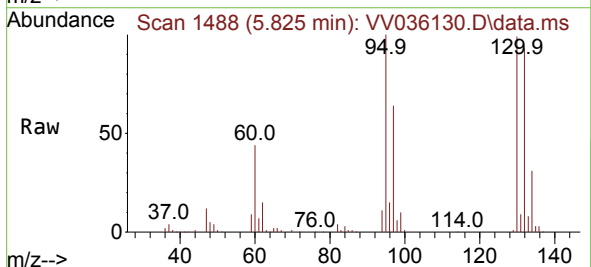
Tgt Ion: 78 Resp: 521804

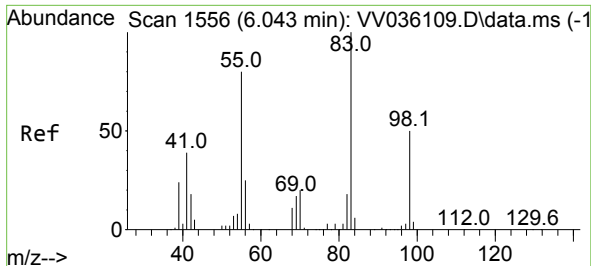


#34
Trichloroethene
Concen: 24.759 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 95 Resp: 153120

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.8	83.2
132	92.8	66.8	124.2
130	99.5	70.0	130.0

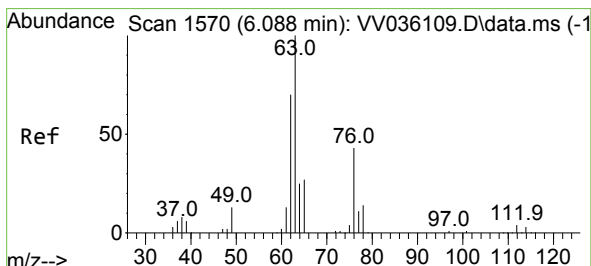
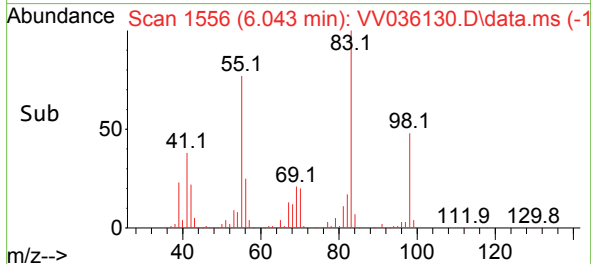
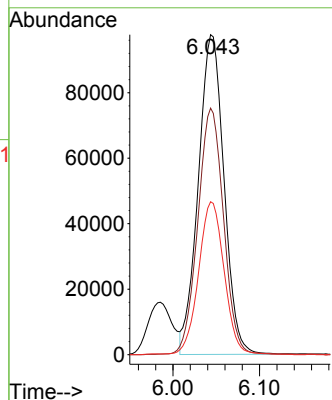
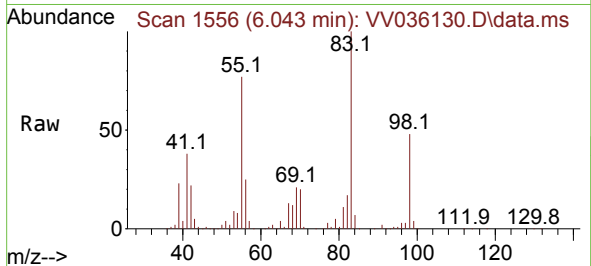




#35
Methylcyclohexane
Concen: 23.503 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

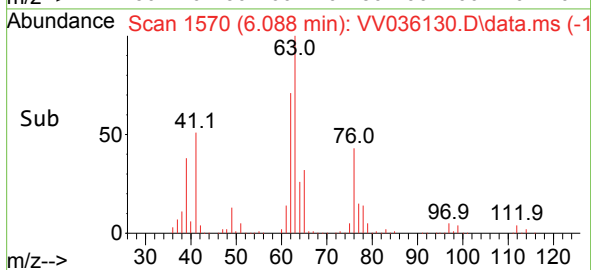
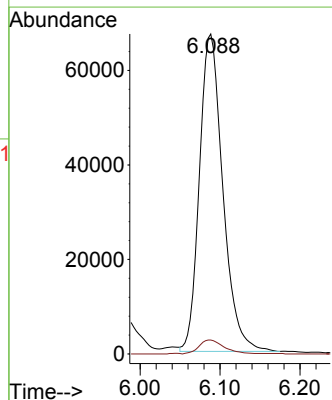
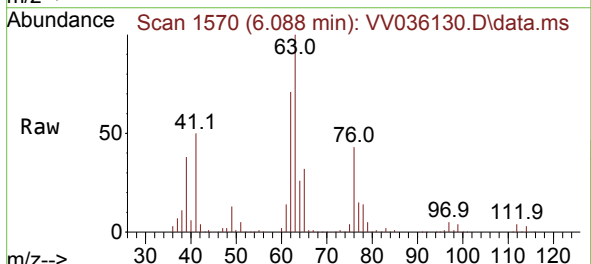
Instrument :
MSVOA_V
ClientSampleId :

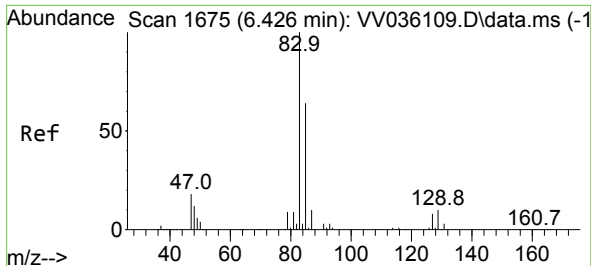
Tgt Ion: 83 Resp: 201007
Ion Ratio Lower Upper
83 100
55 77.1 60.7 91.1
98 47.5 38.7 58.1



#37
1,2-Dichloropropane
Concen: 25.871 ug/L
RT: 6.088 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 63 Resp: 137078
Ion Ratio Lower Upper
63 100
112 4.7 3.5 5.3

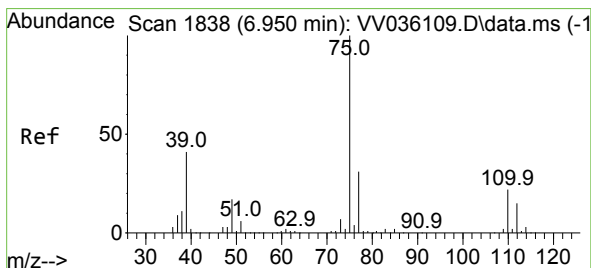
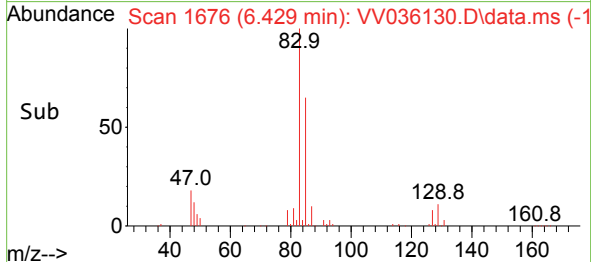
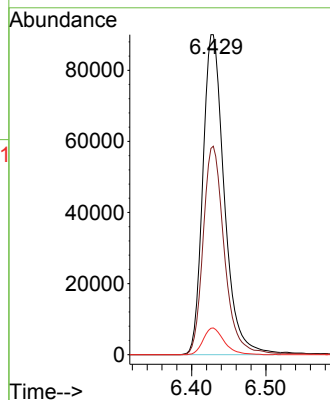
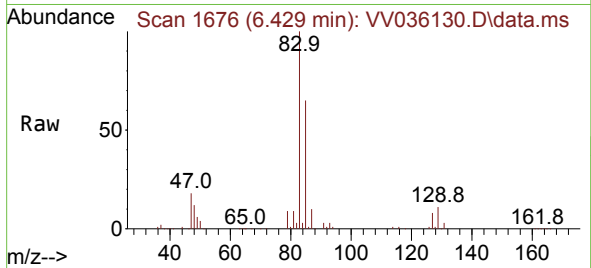




#38
Bromodichloromethane
Concen: 25.777 ug/L
RT: 6.429 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

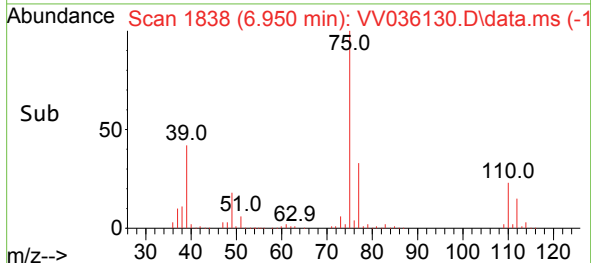
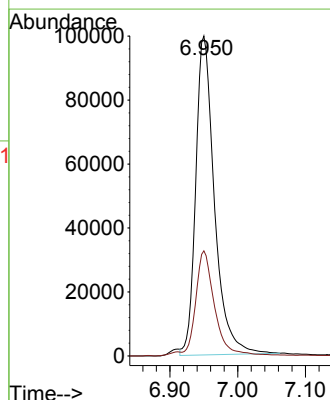
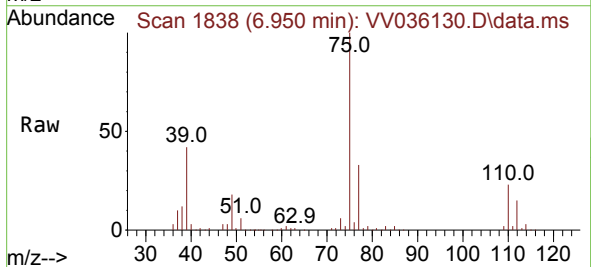
Instrument :
MSVOA_V
ClientSampleId :

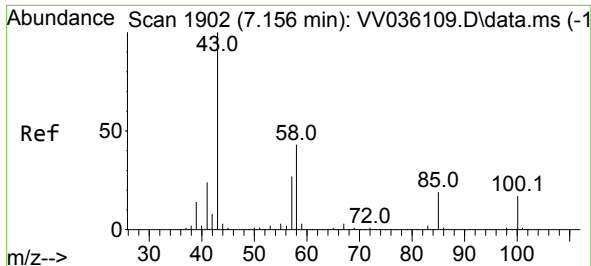
Tgt Ion: 83 Resp: 180777
Ion Ratio Lower Upper
83 100
85 65.1 45.3 84.1
127 8.4 6.7 10.1



#39
cis-1,3-Dichloropropene
Concen: 24.114 ug/L
RT: 6.950 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 75 Resp: 191099
Ion Ratio Lower Upper
75 100
77 32.9 22.1 41.1

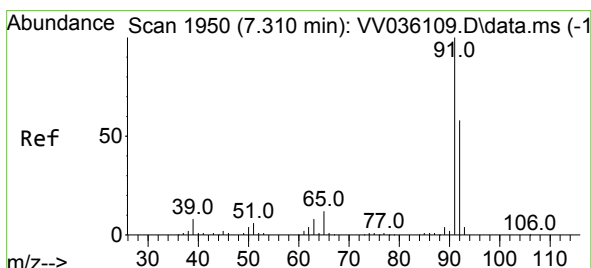
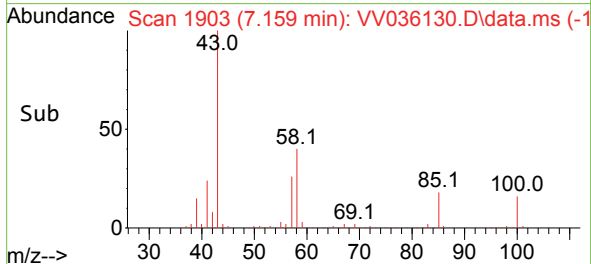
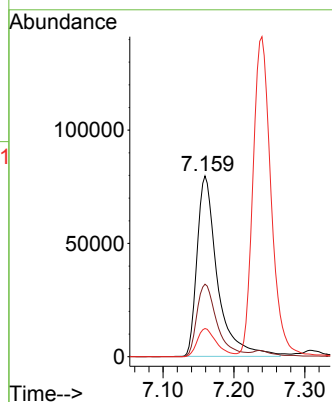
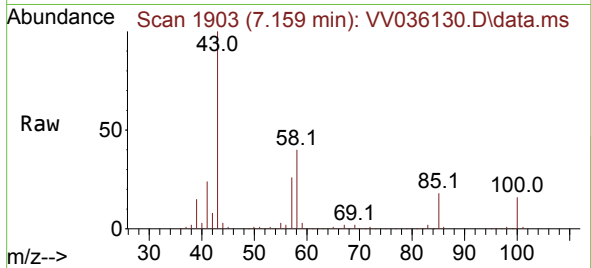




#40
4-Methyl-2-pentanone
Concen: 55.294 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

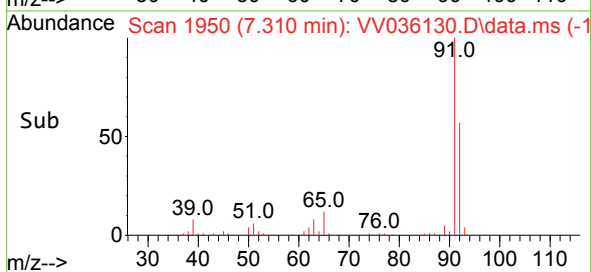
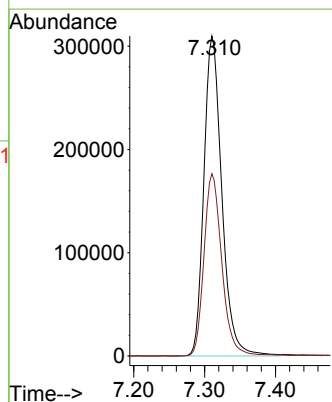
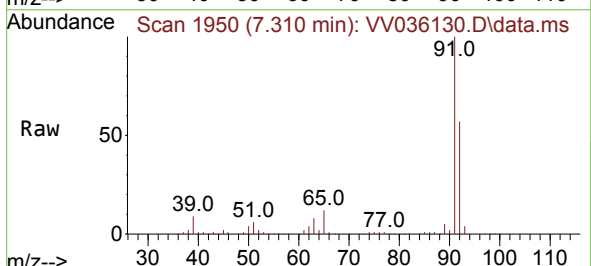
Instrument :
MSVOA_V
ClientSampleId :

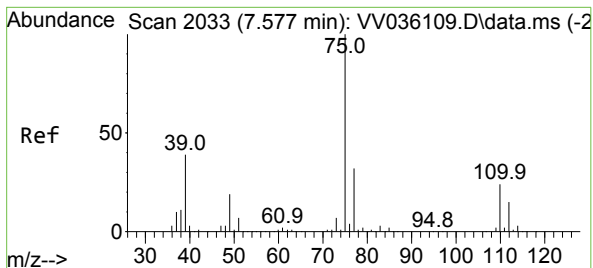
Tgt Ion: 43 Resp: 159176
Ion Ratio Lower Upper
43 100
58 40.0 32.5 48.7
100 15.0 12.5 18.7



#42
Toluene
Concen: 26.422 ug/L
RT: 7.310 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 91 Resp: 544790
Ion Ratio Lower Upper
91 100
92 56.9 40.6 75.4





#44

trans-1,3-Dichloropropene

Concen: 26.763 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

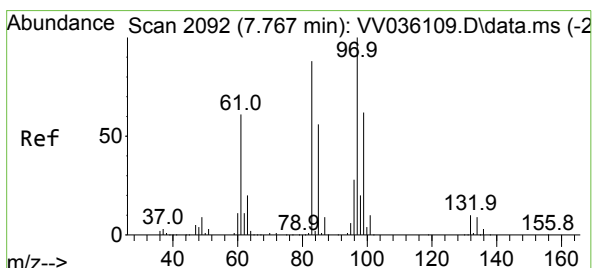
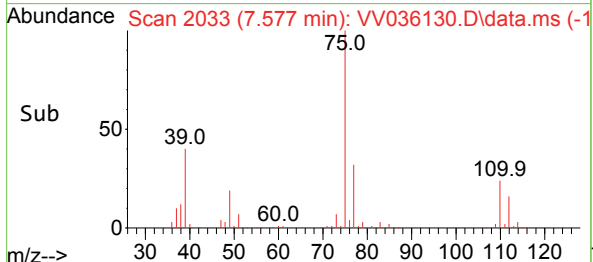
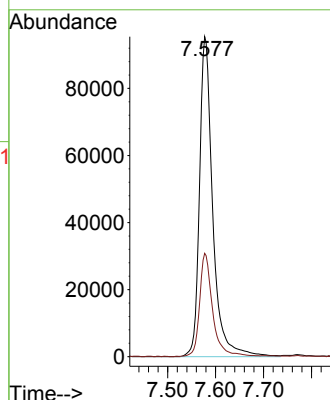
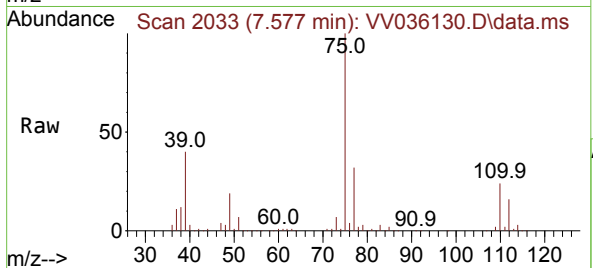
ClientSampleId :

Tgt Ion: 75 Resp: 183199

Ion Ratio Lower Upper

75 100

77 32.3 23.1 42.9



#45

1,1,2-Trichloroethane

Concen: 26.099 ug/L

RT: 7.767 min Scan# 2092

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Tgt Ion: 97 Resp: 114421

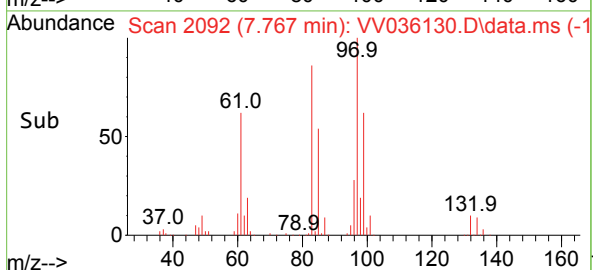
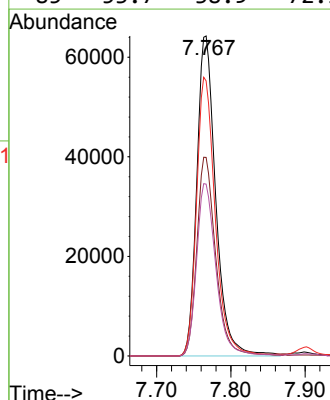
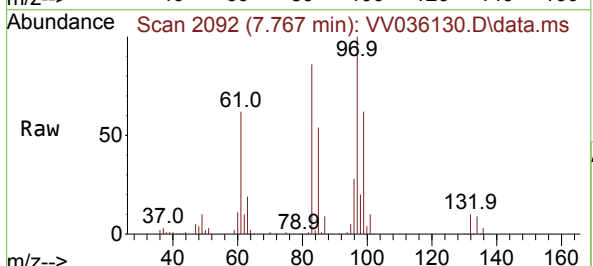
Ion Ratio Lower Upper

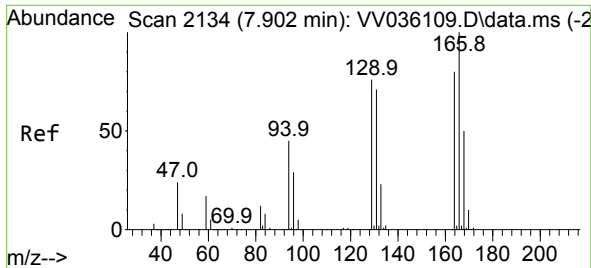
97 100

99 62.0 43.3 80.5

83 85.9 60.1 111.7

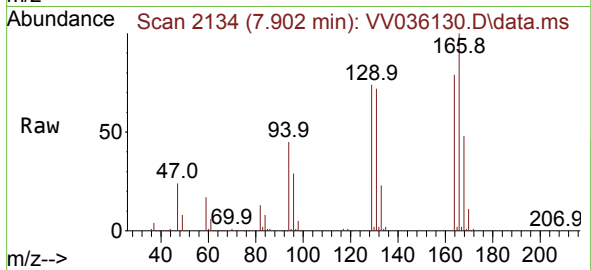
85 53.7 38.9 72.3



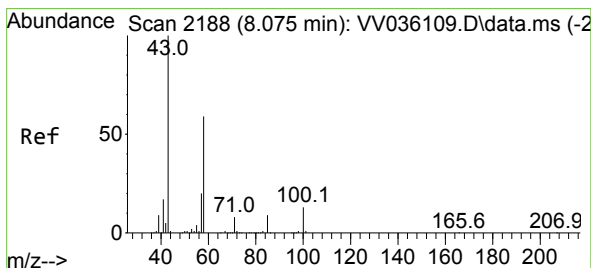
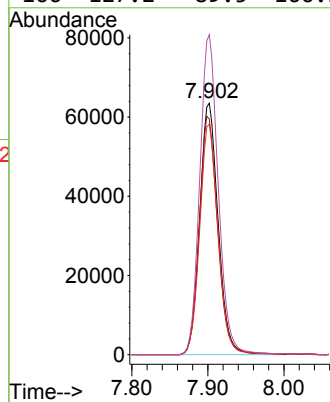
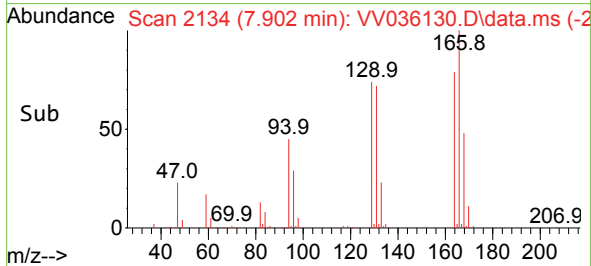


#46
Tetrachloroethene
Concen: 23.701 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

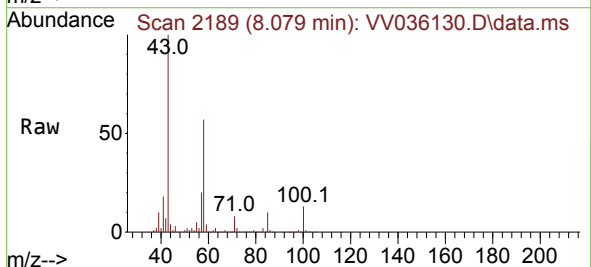
Instrument :
MSVOA_V
ClientSampleId :



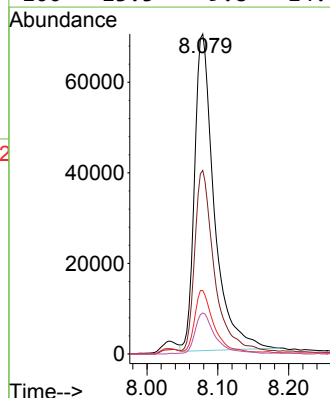
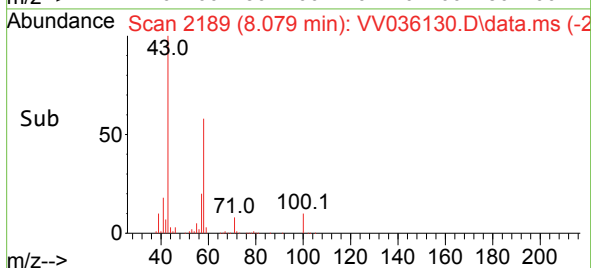
Tgt Ion:164 Resp: 107201
Ion Ratio Lower Upper
164 100
129 93.6 64.6 120.0
131 91.7 63.2 117.4
166 127.2 89.5 166.3

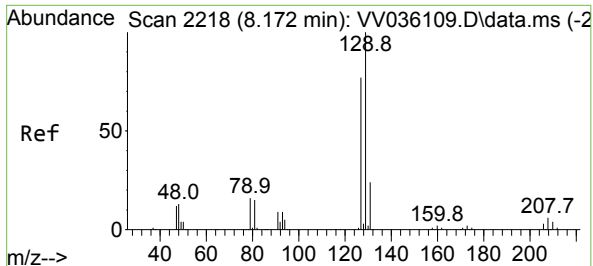


#48
2-Hexanone
Concen: 59.994 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47



Tgt Ion: 43 Resp: 135017
Ion Ratio Lower Upper
43 100
58 57.8 45.4 68.0
57 20.1 15.8 23.8
100 13.5 9.8 14.8





#49

Dibromochloromethane

Concen: 25.926 ug/L

RT: 8.172 min Scan# 2218

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

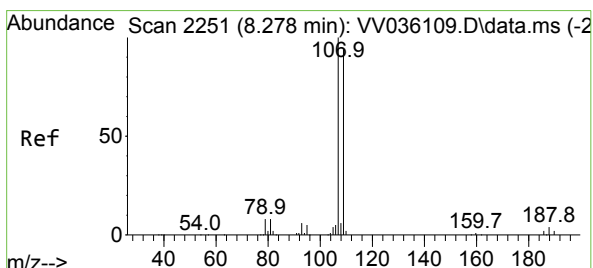
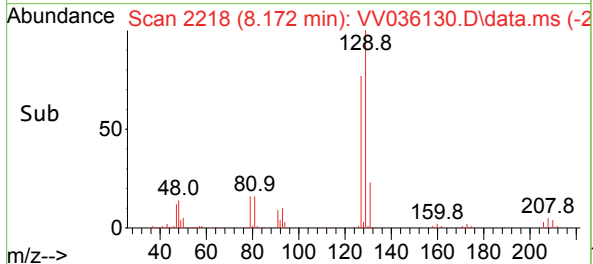
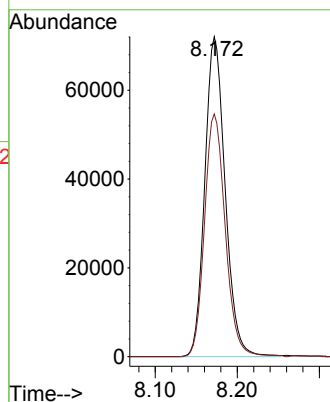
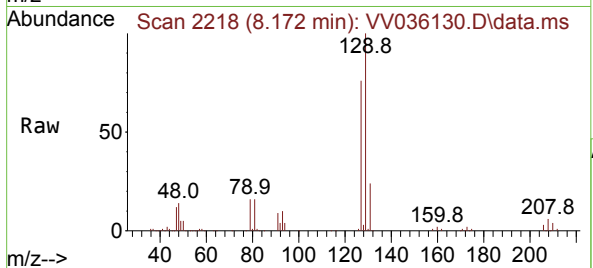
ClientSampleId :

Tgt Ion:129 Resp: 124395

Ion Ratio Lower Upper

129 100

127 75.8 53.9 100.1



#50

1,2-Dibromoethane

Concen: 26.666 ug/L

RT: 8.278 min Scan# 2251

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

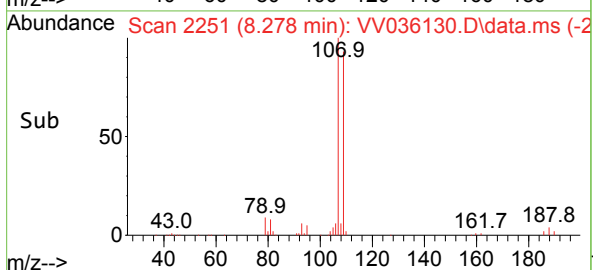
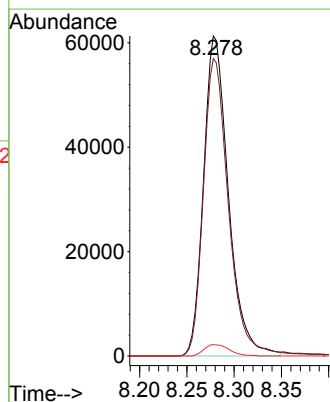
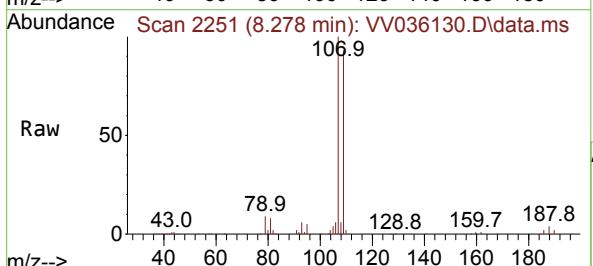
Tgt Ion:107 Resp: 112172

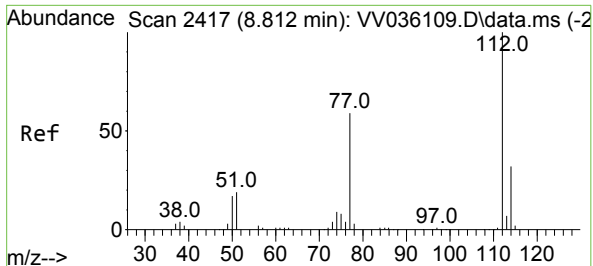
Ion Ratio Lower Upper

107 100

109 93.0 66.1 122.7

188 3.6 3.0 4.6

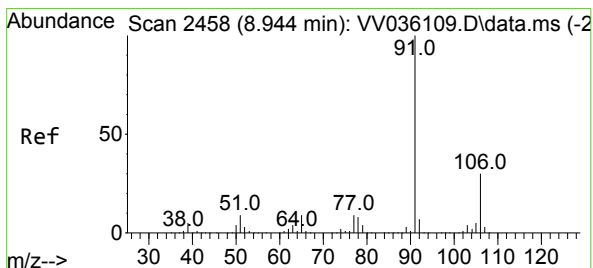
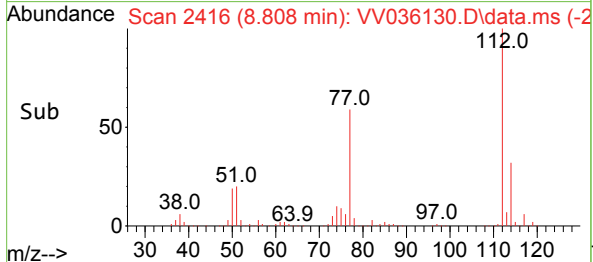
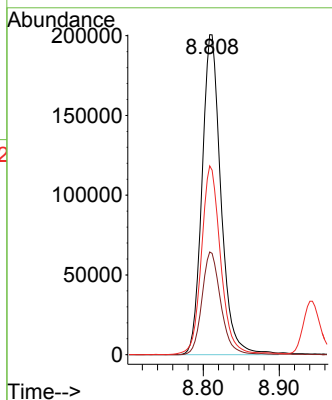
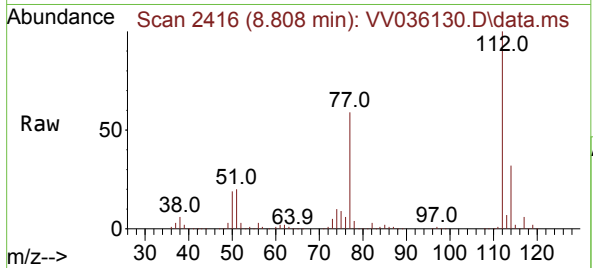




#51
Chlorobenzene
Concen: 24.666 ug/L
RT: 8.808 min Scan# 2417
Delta R.T. -0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

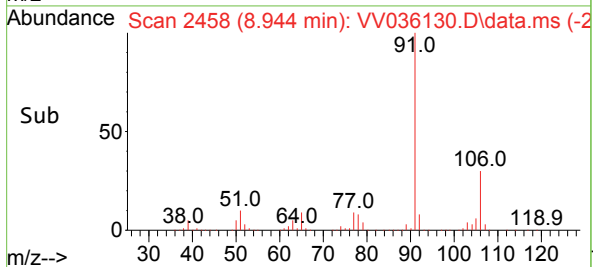
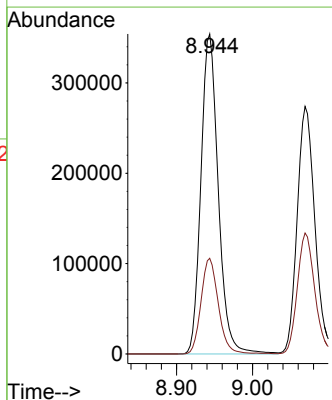
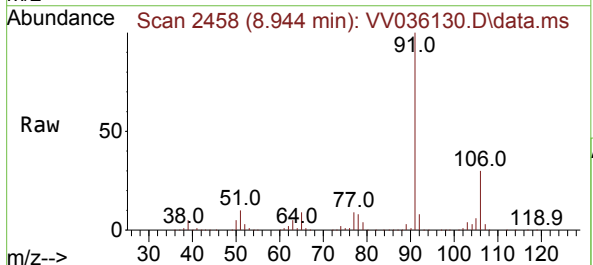
Instrument :
MSVOA_V
ClientSampleId :

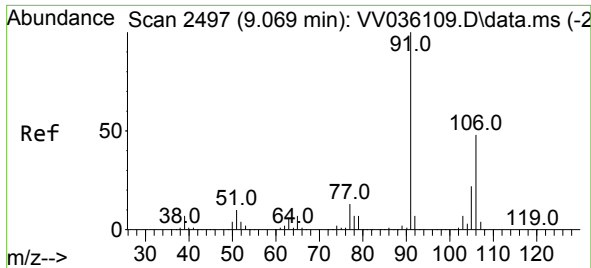
Tgt Ion:112 Resp: 346536
Ion Ratio Lower Upper
112 100
114 32.1 22.3 41.5
77 59.0 47.3 70.9



#52
Ethylbenzene
Concen: 25.435 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 91 Resp: 561114
Ion Ratio Lower Upper
91 100
106 29.9 21.6 40.0

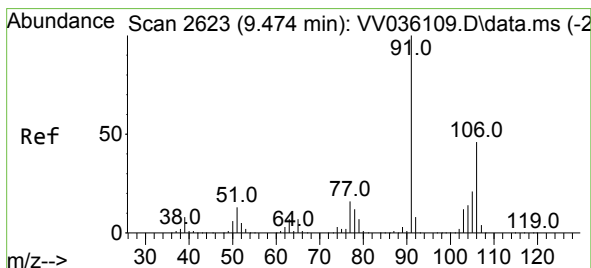
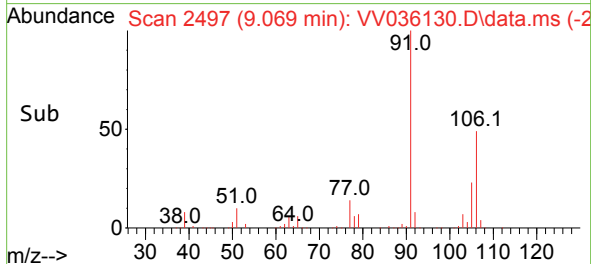
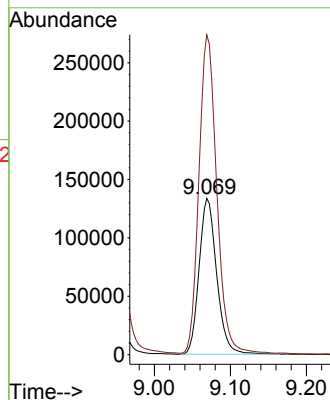
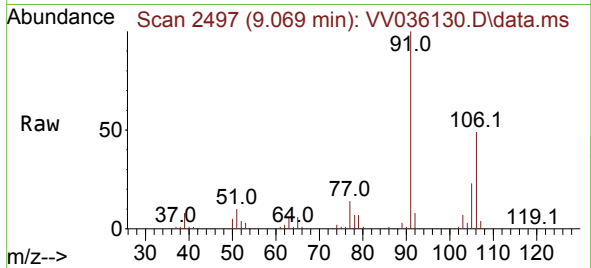




#53
m,p-Xylene
Concen: 25.866 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

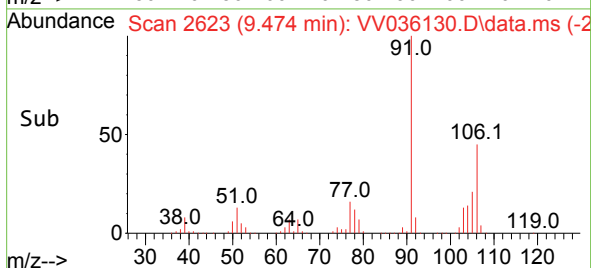
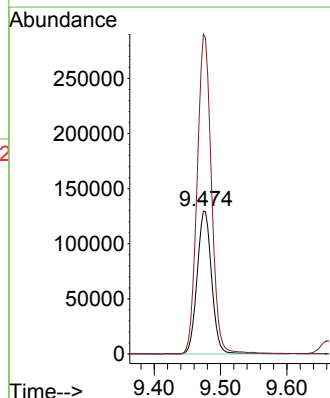
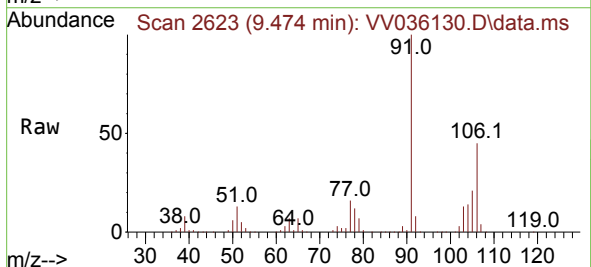
Instrument :
MSVOA_V
ClientSampleId :

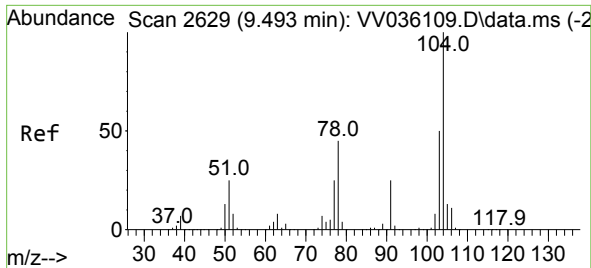
Tgt Ion:106 Resp: 214410
Ion Ratio Lower Upper
106 100
91 204.8 143.1 265.9



#54
o-Xylene
Concen: 25.210 ug/L
RT: 9.474 min Scan# 2623
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion:106 Resp: 197063
Ion Ratio Lower Upper
106 100
91 224.0 154.5 286.9

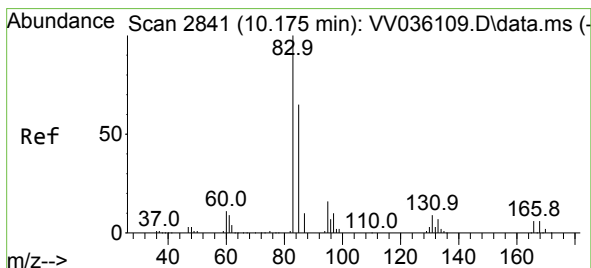
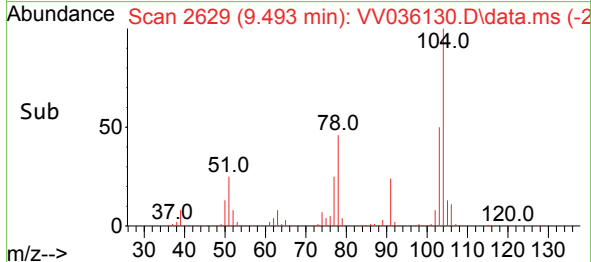
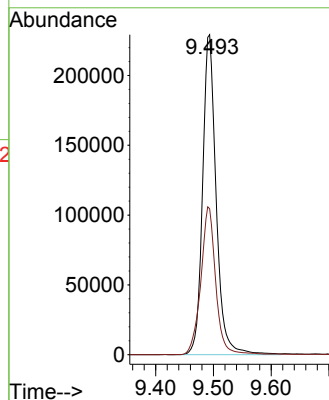
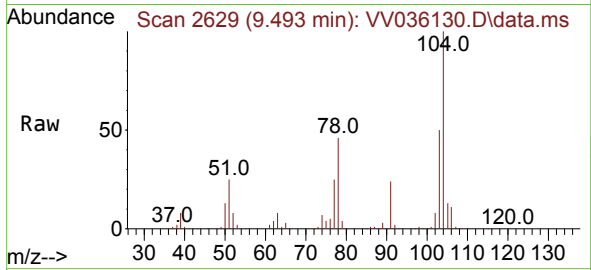




#55
Styrene
Concen: 27.212 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

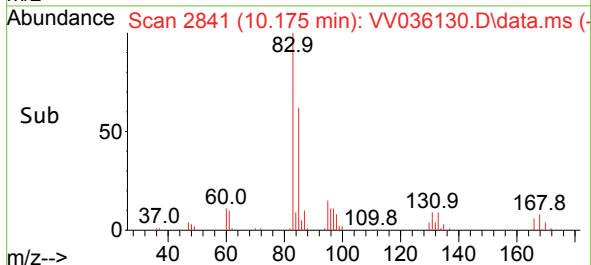
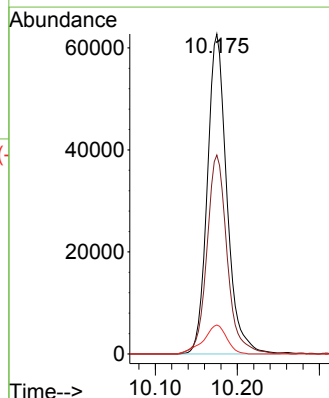
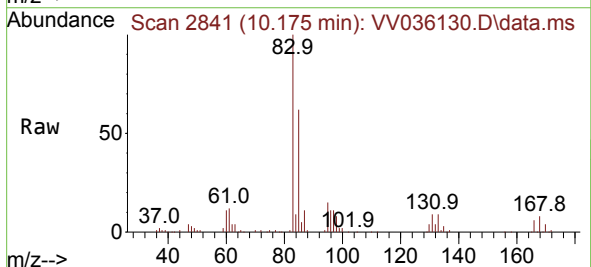
Instrument :
MSVOA_V
ClientSampleId :

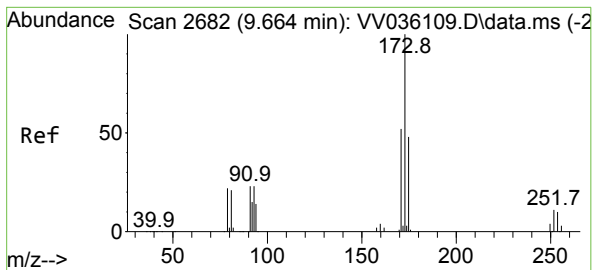
Tgt Ion:104 Resp: 375105
Ion Ratio Lower Upper
104 100
78 45.6 31.4 58.2



#57
1,1,2,2-Tetrachloroethane
Concen: 26.441 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion: 83 Resp: 103795
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7
131 9.0 7.6 11.4





#59

Bromoform

Concen: 25.508 ug/L

RT: 9.661 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV036130.D

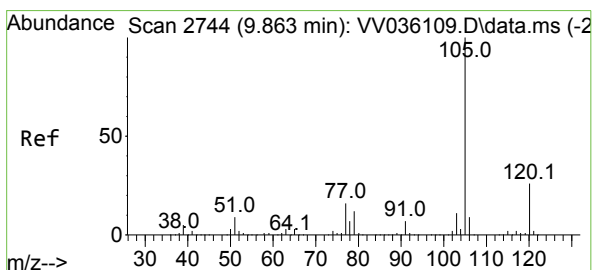
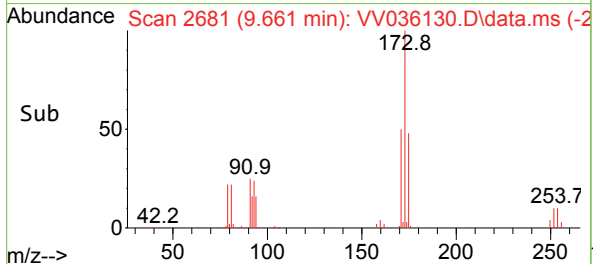
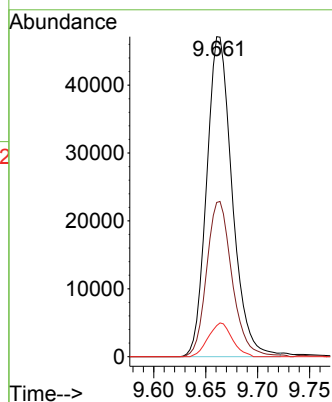
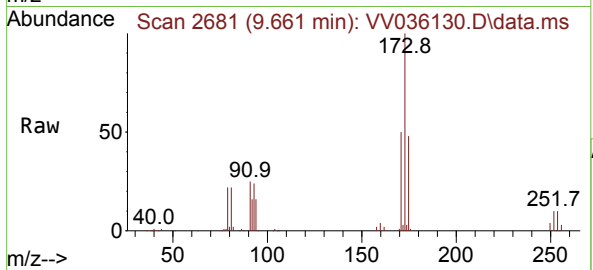
Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	173	Resp:	80396
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.0	58.6
254	9.9	8.6	13.0



#60

Isopropylbenzene

Concen: 25.023 ug/L

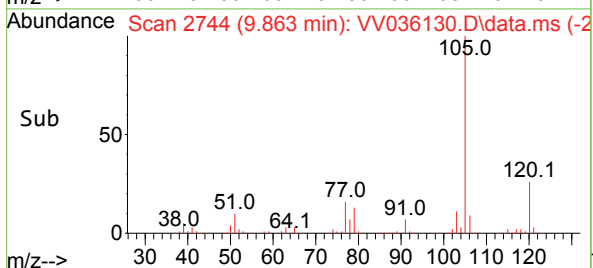
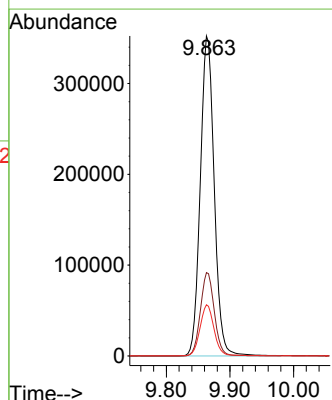
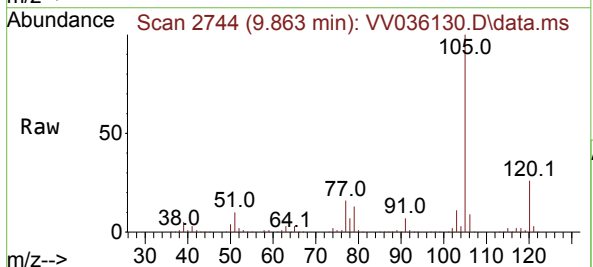
RT: 9.863 min Scan# 2744

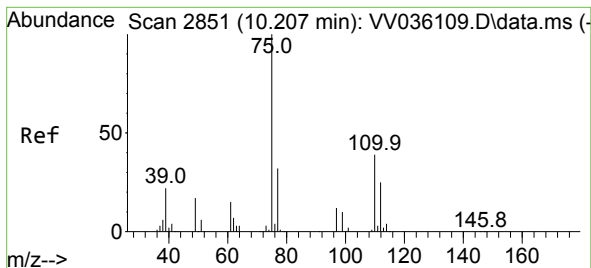
Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Tgt Ion:	105	Resp:	536536
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.0	31.6
77	16.0	12.6	18.8





#61

1,2,3-Trichloropropane

Concen: 26.945 ug/L

RT: 10.207 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :

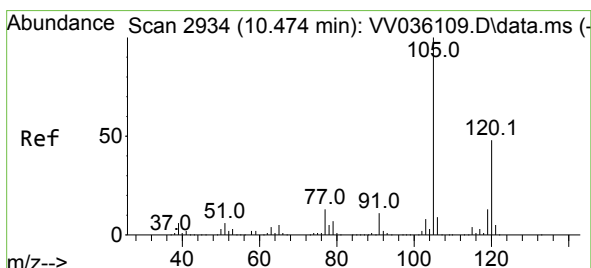
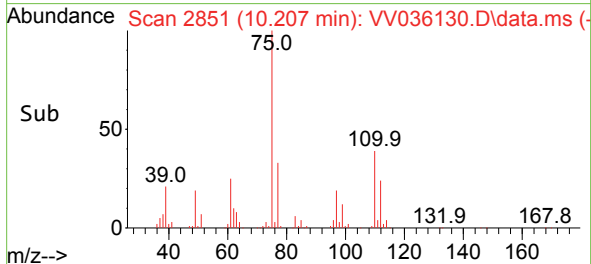
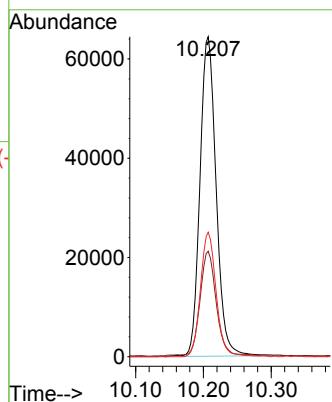
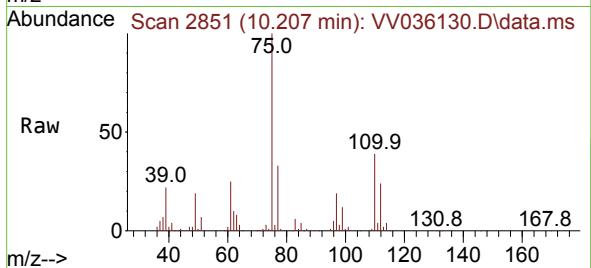
Tgt Ion: 75 Resp: 106507

Ion Ratio Lower Upper

75 100

77 31.2 26.0 39.0

110 38.0 32.2 48.4



#62

1,3,5-Trimethylbenzene

Concen: 23.885 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. -0.000 min

Lab File: VV036130.D

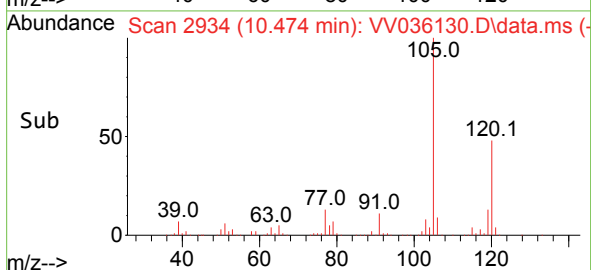
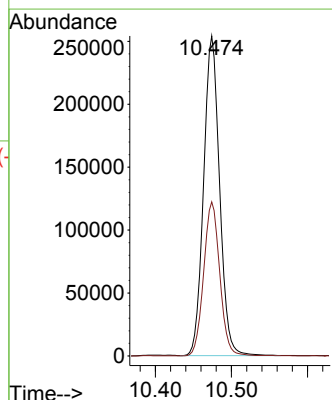
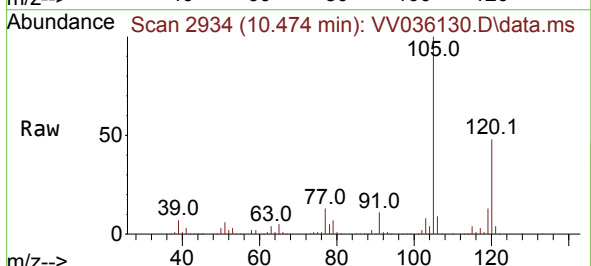
Acq: 19 Jun 2024 09:47

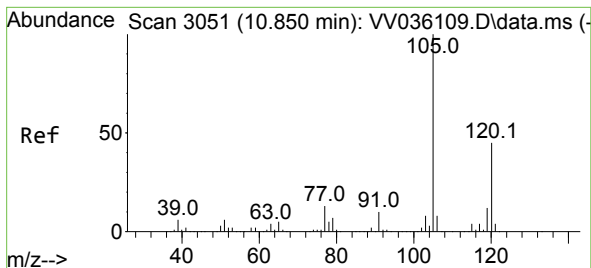
Tgt Ion: 105 Resp: 371370

Ion Ratio Lower Upper

105 100

120 48.4 38.6 58.0





#63

1,2,4-Trimethylbenzene

Concen: 25.141 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

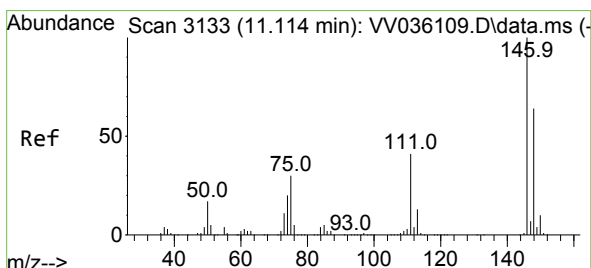
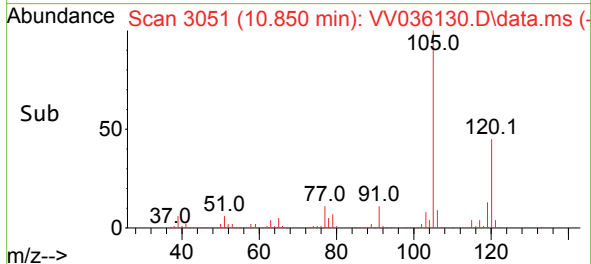
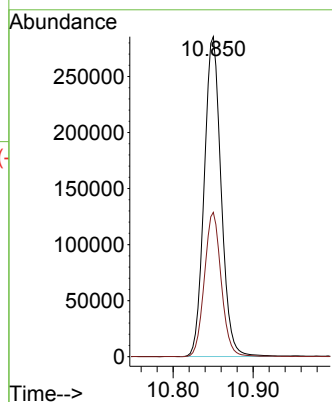
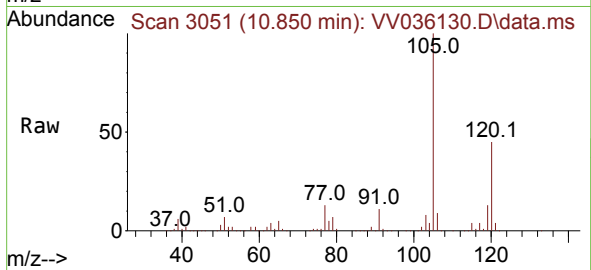
ClientSampleId :

Tgt Ion:105 Resp: 421165

Ion Ratio Lower Upper

105 100

120 44.9 36.2 54.4



#64

1,3-Dichlorobenzene

Concen: 24.442 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. -0.000 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

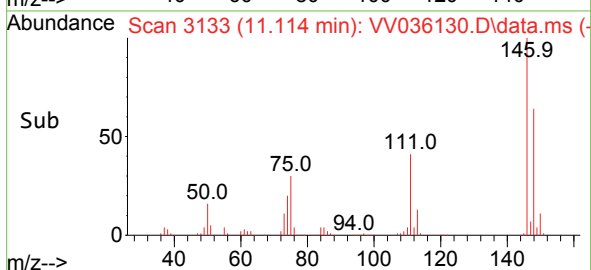
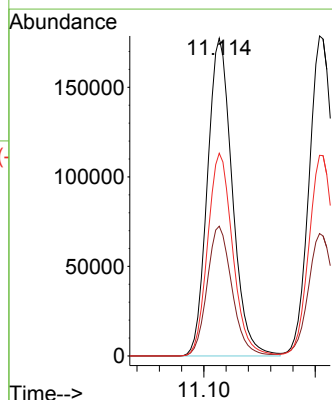
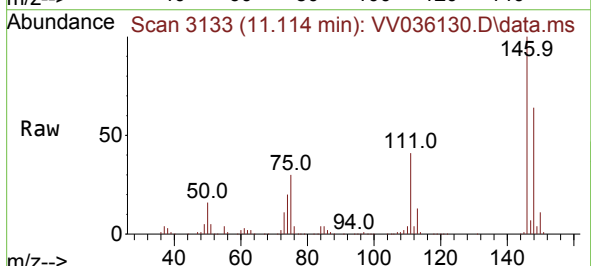
Tgt Ion:146 Resp: 275223

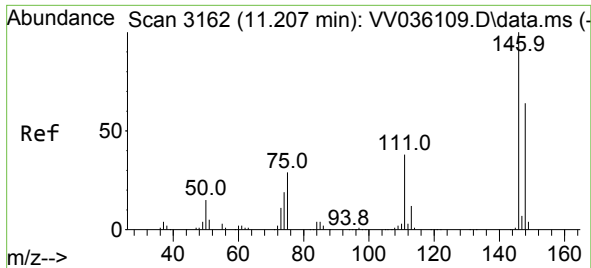
Ion Ratio Lower Upper

146 100

111 40.8 28.1 52.1

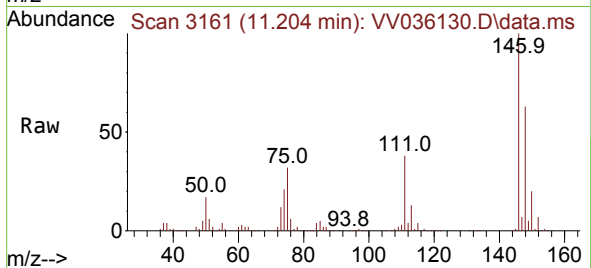
148 63.8 44.7 83.1



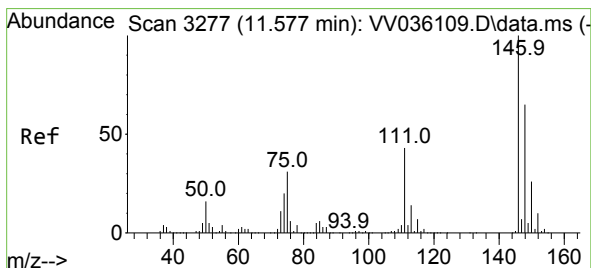
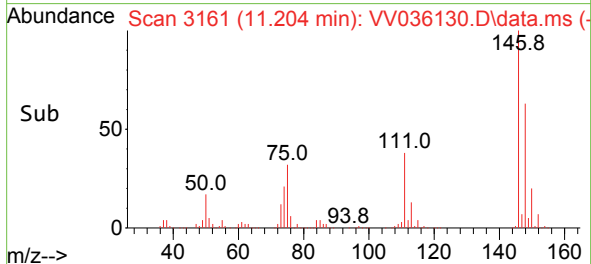
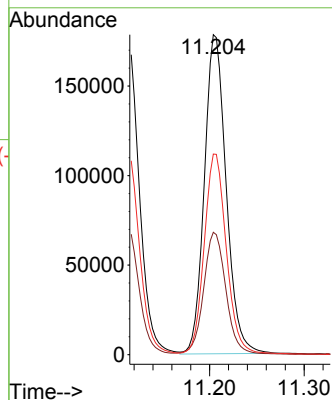


#65
1,4-Dichlorobenzene
Concen: 24.585 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. -0.003 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Instrument :
MSVOA_V
ClientSampleId :

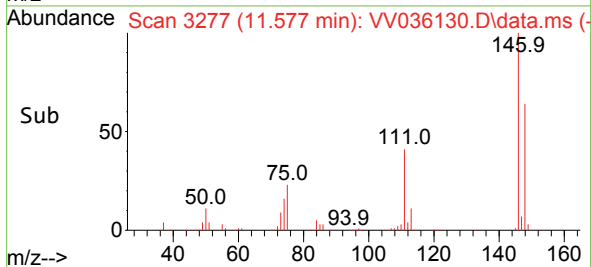
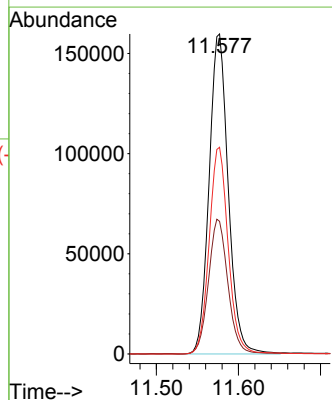
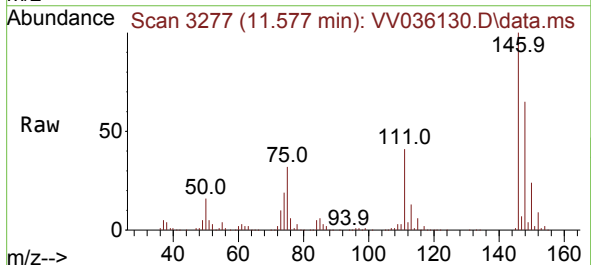


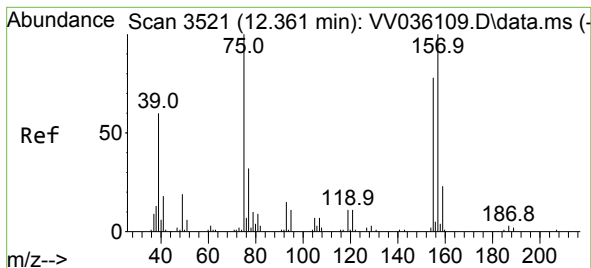
Tgt Ion:146 Resp: 285743
Ion Ratio Lower Upper
146 100
111 38.2 26.9 50.1
148 62.7 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 24.434 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VV036130.D
Acq: 19 Jun 2024 09:47

Tgt Ion:146 Resp: 258907
Ion Ratio Lower Upper
146 100
111 41.5 33.5 50.3
148 64.6 50.9 76.3

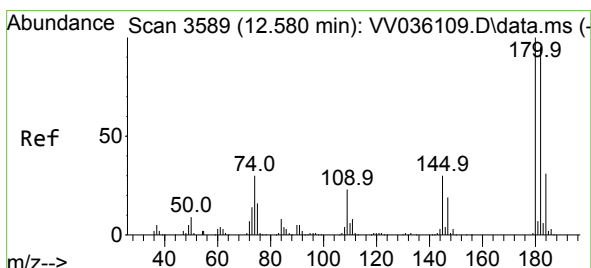
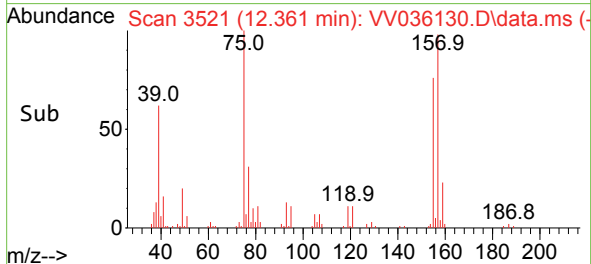
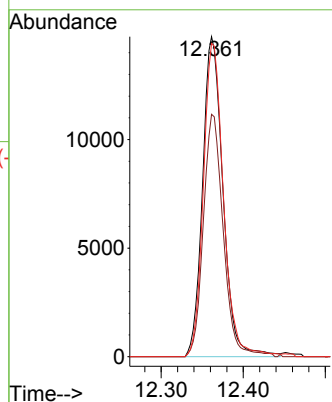
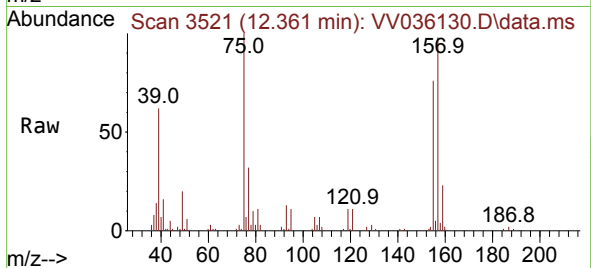




#68
 1,2-Dibromo-3-chloropropane
 Concen: 28.766 ug/L
 RT: 12.361 min Scan# 3521
 Delta R.T. -0.000 min
 Lab File: VV036130.D
 Acq: 19 Jun 2024 09:47

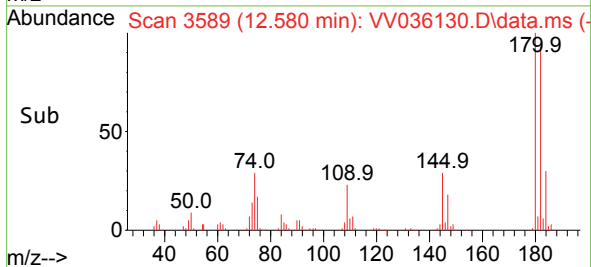
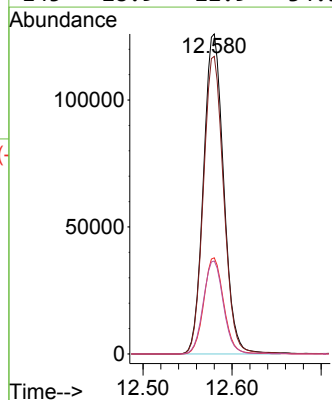
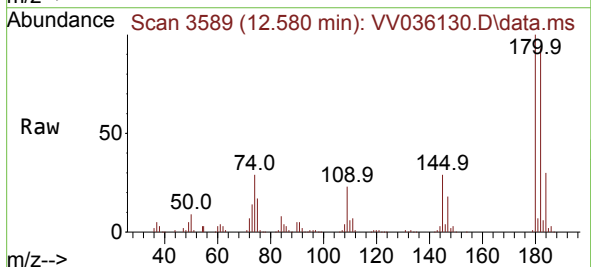
Instrument :
 MSVOA_V
 ClientSampleId :

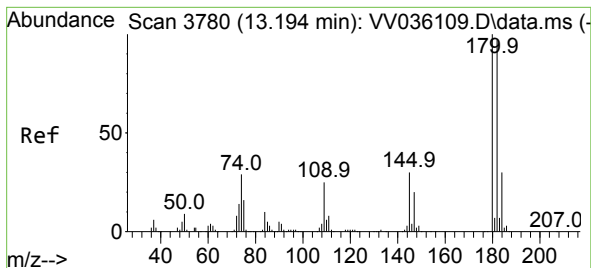
Tgt Ion: 75 Resp: 25426
 Ion Ratio Lower Upper
 75 100
 155 75.7 63.3 94.9
 157 97.9 82.4 123.6



#69
 1,3,5-Trichlorobenzene
 Concen: 23.537 ug/L
 RT: 12.580 min Scan# 3589
 Delta R.T. -0.000 min
 Lab File: VV036130.D
 Acq: 19 Jun 2024 09:47

Tgt Ion:180 Resp: 198248
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.2 114.4
 184 29.4 24.2 36.2
 145 28.9 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 24.008 ug/L

RT: 13.194 min Scan# 31

Delta R.T. -0.000 min

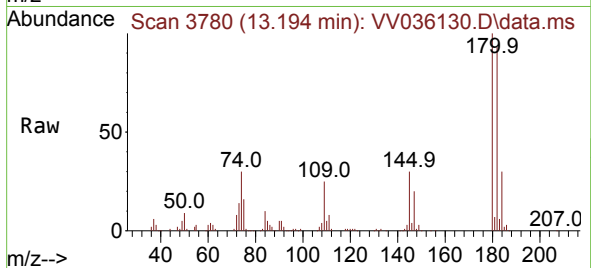
Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

Instrument :

MSVOA_V

ClientSampleId :



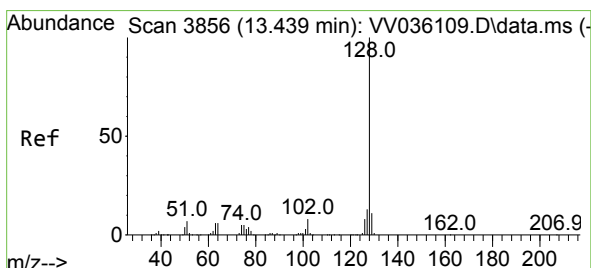
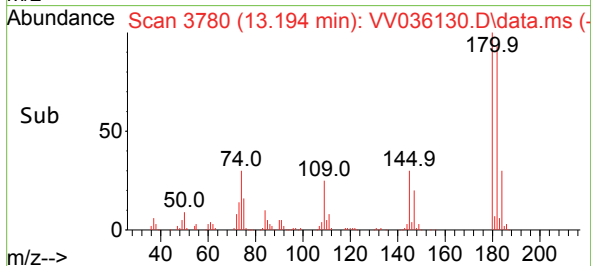
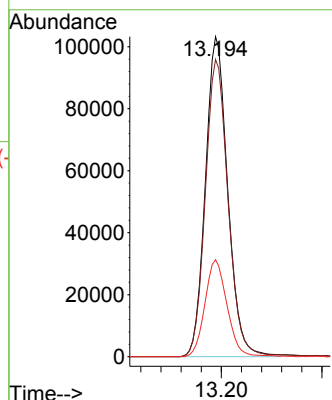
Tgt Ion:180 Resp: 159223

Ion Ratio Lower Upper

180 100

182 94.6 76.1 114.1

145 30.0 23.5 35.3



#71

Naphthalene

Concen: 28.276 ug/L

RT: 13.435 min Scan# 3855

Delta R.T. -0.003 min

Lab File: VV036130.D

Acq: 19 Jun 2024 09:47

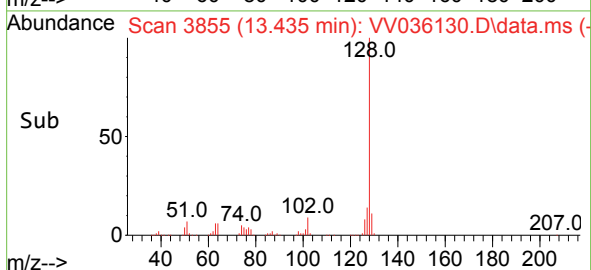
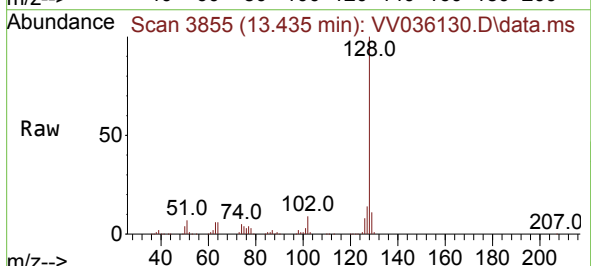
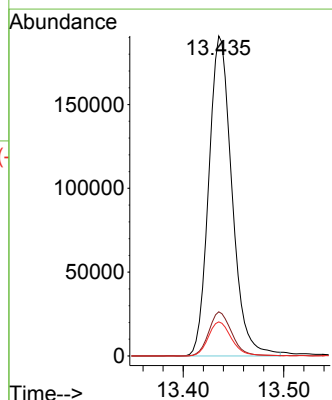
Tgt Ion:128 Resp: 306038

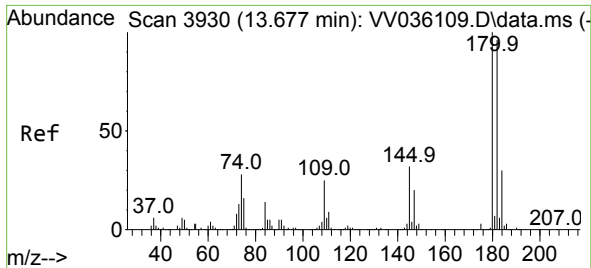
Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

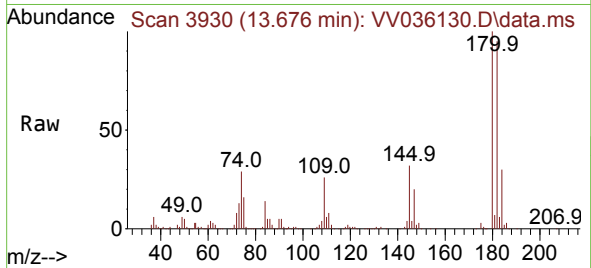
129 10.7 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 26.426 ug/L
 RT: 13.676 min Scan# 3930
 Delta R.T. -0.000 min
 Lab File: VV036130.D
 Acq: 19 Jun 2024 09:47

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:180 Resp: 159927
 Ion Ratio Lower Upper
 180 100
 182 95.4 75.1 112.7
 145 32.7 25.2 37.8

